Appendix I
CHART Assessment for the
Snake River Basin Steelhead ESU

CHART Participants

The CHART for this ESU consisted of the following NOAA Fisheries biologists: Ken Troyer, (CHART Leader), Vince Kozakiewicz, Randy Tweten, Larry Zuckerman, Bob Ries, Dale Brege, Eric Murray, Don Anderson, Jim Morrow, Angela Somma, and Herb Pollard. CHART members from the U.S. Forest Service consisted of: Bruce Smith, Joe Vacirca, Tom Montoya, Mark Moulton, Ken Bronec, Brad Lovatt, Dell Groat, Bill Dowdy, Lisa Hawdon, Pat Murphy, Scott Russell, Russ Thurow, David Burns, and Roger Nelson. CHART members also included Jackie Dougan and Craig Johnson from the U.S. Bureau of Land Management, and Jody Brostrom from the U.S. Fish and Wildlife Service. This CHART assessment also benefitted from review and comments by the Oregon Department of Fish and Wildlife and Washington Department of Fish and Wildlife. Comments were received from Idaho Department of Fish and Game however they did not arrive in time to be considered in the CHART's assessment.

ESU Description

The Snake River Basin steelhead ESU was listed as a threatened species in 1997 (62 FR 43937; August 18, 1997). The ESU includes all naturally spawned populations of steelhead in streams in the Snake River Basin of southeast Washington, northeast Oregon, and Idaho. The agency recently conducted a review to update the ESU's status, taking into account new information, evaluating component resident rainbow trout populations, and considering the net contribution of artificial propagation efforts in the ESU. We have proposed that Snake River Basin *O. mykiss* (including steelhead and rainbow trout) remain listed as threatened (69 FR 33102; June 14, 2004). Additionally, we have proposed that the listing include resident populations of *O. mykiss* below impassible barriers (natural and manmade) that co-occur with anadromous populations. Recent genetic data also suggest that native resident *O. mykiss* above Dworshak Dam on the North Fork Clearwater River are part of this ESU. We have proposed that these native resident *O. mykiss* populations above Dworshak Dam on the North Fork Clearwater River also be considered part of the Snake River Basin *O. mykiss* ESU. We have also proposed that the listing include six artificial propagation programs considered part of the ESU. The final listing determination for all *O. mykiss* ESUs was extended by six months (70 FR 37219, June 28, 2005), therefore the CHART's assessment focused on the anadromous range of *O. mykiss*.

The Snake River steelhead ESU is distributed throughout the Snake River drainage system, including tributaries in southeast Washington, eastern Oregon and north/central Idaho. Snake River steelhead migrate a substantial distance from the ocean (up to 930 mi) and use high elevation tributaries (typically 3,300-6,600 ft above sea level) for spawning and juvenile rearing. Snake River steelhead occupy habitat that is considerably warmer and drier (on an annual basis) than other steelhead ESUs. Snake River basin steelhead are generally classified as summer run, based on their adult run timing patterns. Summer steelhead enter the Columbia River from late June to October. After holding over the winter, summer steelhead spawn during the following spring (March to May). Managers classify up-river summer steelhead runs into two groups based primarily on ocean age and adult size upon return to the Columbia River. Those classified as A-run steelhead are predominately age-1 ocean fish while B-run steelhead are larger, predominately age-2 ocean fish.

Recovery Planning Status

The Interior Columbia Basin TRT (ICBTRT 2003, 2005) has identified 24 demographically independent populations in 5 "major groupings" in the Snake River Basin *O. mykiss* ESU: the Lower Snake group (including the Tucannon River and Asotin Creek populations); Clearwater group (including the Lower Clearwater, South Fork, Lolo Creek, Lochsa River, and Selway River populations); Grande Ronde group (including the Lower Grande Ronde, Joseph Creek, Wallowa River, and Upper Grande Ronde populations); Salmon River group (including the Little Salmon, South Fork, Secesh River, Chamberlain Creek, Big/Camas/Loon, Upper Middle Fork, Panther Creek, North Fork, Lemhi River, Pahsimeroi River, East Fork, and Upper mainstem populations); and Imnaha group (including the Imnaha River population). Despite geographic separation from other spawning areas, the TRT did not identify Hells Canyon as an independent population but noted that maintaining this area may be important for ESU viability and other recovery goals. The groupings of populations are based on similarities in genetic distances, distances between spawning aggregates, life history, and habitat or environmental considerations. Recovery planning will likely emphasize the need for a geographical distribution of viable populations across the range of such groupings in an ESU (Ruckelshaus et al. 2002, McElhany et al. 2003, McClure 2004 [pers comm.]). Subbasin assessments and plans have been completed for each subbasin through the Northwest Power and Conservation Council. Recovery planners are now using those subbasin plans and TRT products to develop ESA recovery plans. Draft recovery plans are expected by the end of 2005. The CHART considered the available subbasin plans and TRT products in rating each watershed. We anticipate that, as recovery planning

proceeds, we will have better information and may revise our recommendations regarding critical habitat designation.

CHART Area Assessments

The CHART assessment for this ESU addressed 25 subbasins containing 271 occupied watersheds and 20 unoccupied watersheds. As part of its assessment the CHART considered the conservation value of each HUC5 watershed in the context of the populations within the 5 major groupings described above. During the orientation meetings the CHART noted that the Idaho Department of Fish and Game (IDFG) steelhead distribution data did not accurately reflect their own knowledge of the species distribution. A review of the problem prompted NOAA Fisheries to take on the task of revising the steelhead distribution throughout Idaho. NOAA Fisheries solicited input from the Bureau of Land Management (BLM) and U.S. Forest Service (USFS) for steelhead distribution within watersheds of the Clearwater River, Salmon River, and lower Snake River basins in Idaho. NOAA Fisheries also received updated steelhead distribution data from IDFG for the Salmon River Basin. The ratings and associated maps that follow reflect the updated steelhead distribution. Information is presented below by USGS subbasin because they present a convenient and systematic way to organize the CHART's watershed assessments for this ESU and their names are generally more recognizable because they typically identify major river systems.

Hells Canyon Subbasin (HUC4# 17060101)

The Hells Canyon subbasin is located in the Lower Snake River Basin and includes areas in Oregon and Idaho. In Oregon the subbasin includes part of Wallowa county and in Idaho portions of Adams and Idaho counties. The subbasin contains three watersheds occupied by this ESU and encompasses approximately 541s mi^2 and 705 miles of streams. Fish distribution and habitat use data from ODFW, USFS, BLM, and IDFG identify approximately 156 miles of occupied riverine habitat in the watersheds (NOAA 2005). The ICBTRT (2005) recently identified a single population (Hells Canyon) in this subbasin. However, the CHART determined that maintaining this area may be important for ESU viability or other conservation goals. The northern end of the subbasin also provides rearing and migration habitat for the Imnaha River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table J1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that

may affect the PCEs in the watersheds. Map J1 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Imnaha River Subbasin (HUC4# 17060102)

The Imnaha River subbasin is located in the Lower Snake River Basin and contained in Baker, Union, and Wallowa counties, Oregon. The subbasin contains five watersheds occupied by this ESU and encompasses approximately 851 mi^2 and 964 miles of streams. Fish distribution and habitat use data from ODFW identify approximately 357 miles of occupied riverine habitat in the watersheds (ODFW 2003). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population in this subbasin, the Imnaha River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may threaten the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I2 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lower Snake/Asotin Subbasin (HUC4# 17060103)

The Imnaha River subbasin is located in the Lower Snake River Basin and includes areas in Idaho, Oregon, and Washington. In Idaho the subbasin contains part of Nez Perce county, and in Oregon the subbasin includes part of Wallowa county. The area of the subbasin in Washington contains portions of Asotin and Garfield counties. The Subbasin contains three watersheds occupied by this ESU and encompasses approximately 704 mi^2 and 995 miles of streams. Fish distribution and habitat use data from ODFW identify approximately 196 miles of occupied riverine habitat in the watersheds (ODFW 2003). The Interior Columbia Basin TRT (2003, 2005) identified three historically independent populations in this subbasin: Asotin Creek, Lower Grande Ronde, and Little Salmon and Lower Salmon tributaries. Additionally, other populations use watersheds in this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I3 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Upper Grande Ronde River Subbasin (HUC4# 17060104)

The Upper Grande Ronde River subbasin is located in the Lower Snake River Basin and contained in Baker, Umatilla, Union, and Wallowa counties, Oregon. The subbasin contains 11 watersheds occupied by this ESU and encompasses approximately 1,637 mi^2 and 2,140 miles of streams. Fish distribution and habitat use data from ODFW identify approximately 798 miles of occupied riverine habitat in the watersheds (ODFW 2003). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population in this subbasin, the Upper Grande Ronde River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I4 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Wallowa River Subbasin (HUC4# 17060105)

The Wallowa River subbasin is located in the Lower Snake River Basin and contained in Union and Wallowa counties, Oregon. The subbasin contains six watersheds occupied by this ESU and encompasses approximately 954 mi^2 and 1,095 miles of streams. Fish distribution and habitat use data from ODFW identify approximately 265 miles of occupied riverine habitat in the watersheds (ODFW 2003). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population in this subbasin, the Wallowa River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I5 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lower Grande Ronde Subbasin (HUC4# 17060106)

The Lower Grande Ronde River subbasin is located in the Lower Snake River Basin and within both Washington and Oregon. The portion of the subbasin in Washington is contained in Asotin, Columbia, and Garfield counties. In Oregon, the subbasin contains portions of Union and Wallowa counties. The subbasin contains seven watersheds occupied by this ESU and encompasses approximately 1,518 mi^2 and 1,707 miles of streams. Fish distribution and habitat use data from ODFW identify approximately 576 miles of occupied riverine habitat in the watersheds (ODFW 2003). The Interior

Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin: Lower Grande Ronde River and Joseph Creek. Additionally, other populations use watersheds in this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I6 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lower Snake/Tucannon Subbasin (HUC4# 17060107)

The Lower Snake/Tucannon subbasin is located in the Lower Snake River Basin and contained in Asotin, Columbia, Garfield, and Whitman counties, Washington. The subbasin contains eight watersheds occupied by this ESU and encompasses approximately 1,458 mi^2 and 1,968 miles of streams. Fish distribution and habitat use data from WDFW identify approximately 325 miles of occupied riverine habitat in the watersheds (WDFW 2003). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin: Asotin Creek and Tucannon River. Additionally, other populations use watersheds in this subbasin for rearing and migration.

The ratings for three of the watersheds within this subbasin were changed after the CHART reviewed co-manager comments from WDFW. Of the eight watersheds reviewed by the CHART, two were rated as having high, two were rated as having medium, and four were rated as having low conservation value to the ESU (NOAA 2005). Co-manager comments from WDFW prompted the CHART to change the ratings of Alpowa Creek and Snake River/Penawawa Creek watersheds from low to medium conservation value to the ESU. Additionally, co-manager comments from WDFW prompted the CHART to change the rating of the Deadmand Creek watershed from medium to low conservation value to the ESU.

The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I7 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Palouse River Subbasin (HUC4# 17060108)

The Palouse River subbasin is located in the Lower Snake River Basin. The ESU is limited to the lowermost watershed of the subbasin, which is in Adams, Franklin, and Whitman counties, Washington. The upper portion of the subbasin is in Benewah, Latah, and Nez Perce counties, Idaho. The subbasin contains one watershed that is occupied by this ESU. The occupied watershed encompasses approximately 199 mi^2 and 205 miles of streams. Fish distribution and habitat use data from WDFW identify approximately 8 miles of occupied riverine habitat in the watersheds (WDFW 2003). The ICBTRT (2005) recently identified a single population (Tucannon River) in this subbasin.However, the CHART determined that this area may provide spawning habitats during years of high abundance or favorable habitat conditions. Additionally, the CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I8 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Upper Salmon Subbasin (HUC4# 17060201)

The Upper Salmon subbasin is located in the Salmon River Basin and contained in Blaine and Custer counties, Idaho. The subbasin contains 27 watersheds occupied by this ESU and encompasses approximately 2,119 mi^2 and 3,303 miles of streams. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 570 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin: Upper Mainstem Salmon River and East Fork Salmon River. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I9 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Pahsimeroi Subbasin (HUC4# 17060202)

The Pahsimeroi subbasin is located in the Salmon River Basin and contained in Custer and Lemhi counties, Idaho. The subbasin contains three watersheds occupied by this ESU and three unoccupied watersheds that the CHART determined may be essential for conservation of the ESU. The occupied watersheds encompass approximately 376 square

miles; other historically occupied areas in this subbasin are now blocked by irrigation impoundments and low stream flows due to irrigation withdrawals. The subbasin encompasses approximately 831 mi^2 and 981 miles of streams. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 51 miles of occupied riverine habitat in the watersheds (NOAA 2005). In addition, the CHART identified 83 miles of unoccupied riverine habitat that may be essential for conservation of the ESU (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population that is partially contained by this subbasin, the Pahsimeroi River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I10 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation. The CHART also believed that historically occupied areas within three watersheds (Big Creek, Pahsimeroi River/Goldberg Creek, Upper Pahsimeroi River) may be essential for the conservation of the ESU.

Middle Salmon-Panther Subbasin (HUC4# 17060203)

The Middle Salmon-Panther subbasin is located in the Salmon River Basin and contained in Custer and Lemhi counties, Idaho. The subbasin contains 23 watersheds occupied by this ESU and encompasses approximately 1,821 mi^2 and 1,987 miles of streams. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 340 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified four historically independent populations within this subbasin. The Lemhi River, Pahsimeroi River, and Panther Creek populations are partially contained within the subbasin. The North Fork Salmon River population is completely contained within the subbasin. Additionally, other populations use watersheds in this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I11 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lemhi Subbasin (HUC4# 17060204)

The Lemhi subbasin is located in the Salmon River Basin and contained in Lemhi county, Idaho. The subbasin contains 10 watersheds occupied by this ESU and four unoccupied watersheds that the CHART determined may be essential for conservation of the ESU. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 132 miles of occupied riverine habitat in the watersheds (NOAA 2005). In addition to the occupied riverine habitat, the CHART determined that there are 191 miles of unoccupied riverine habitat that may be essential for conservation of the ESU (NOAA 2005). In addition to the occupied riverine habitat, the CHART determined that there are 191 miles of unoccupied riverine habitat that may be essential for conservation of the ESU (NOAA 2005). These segments of unoccupied riverine habitat are found within both occupied and unoccupied watersheds. The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population that is partially contained within this subbasin, the Lemhi River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I12 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation. The CHART also believed that historically occupied areas within three watersheds (Big Timber Creek, Eighteen Mile Creek, Hawley Creek) may be essential for the conservation of the ESU.

Upper Middle Fork Salmon Subbasin (HUC4# 17060205)

The Upper Middle Fork subbasin is located in the Salmon River Basin and contained in Custer, Lemhi, and Valley counties, Idaho. The subbasin contains 13 watersheds occupied by this ESU and encompasses approximately 1,506 mi^2 and 1,980 miles of streams. Fish distribution and habitat use data from IDFG and USFS identify approximately 572 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin. The subbasin supports the entire spawning range of the Upper Middle Fork Salmon River population and a portion of the Big, Camas, and Loon Creeks population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I13

depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lower Middle Fork Salmon Subbasin (HUC4# 17060206)

The Lower Middle Fork Salmon subbasin is located in the Salmon River Basin and contained in Idaho, Lemhi, and Valley counties, Idaho. The subbasin contains 17 watersheds occupied by this ESU and encompasses approximately 1,373 mi^2 and 1,573 miles of streams. Fish distribution and habitat use data from IDFG and USFS identify approximately 340 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population in this subbasin, the Big, Camas, and Loon Creeks population. Additionally, the Upper Middle Fork Salmon River population uses watersheds within this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I14 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Middle Salmon-Chamberlain Subbasin (HUC4# 17060207)

The Middle Salmon-Salmon Chamberlain subbasin is located in the Salmon River Basin and contained in Idaho, Lemhi, and Valley counties, Idaho. The subbasin contains 19 watersheds occupied by this ESU and encompasses approximately 1,715 mi^2 and 2,025 miles of streams. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 402 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin. The Chamberlain Creek population and a portion of the Panther Creek population are contained in this subbasin. Additionally, other populations use watersheds in this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I15 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

South Fork Salmon Subbasin (HUC4# 17060208)

The Middle Salmon-Salmon Chamberlain subbasin is located in the Salmon River Basin and contained in Idaho and Valley counties, Idaho. The subbasin contains 15 watersheds occupied by this ESU and encompasses approximately 1,313 mi^2 and 1,630 miles of streams. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 410 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin: South Fork Salmon River and Secesh River. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I16 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lower Salmon Subbasin (HUC4# 17060209)

The Lower Salmon subbasin is located in the Salmon River Basin and contained in Idaho, Lewis and Nez Perce counties, Idaho. The subbasin contains 17 watersheds occupied by this ESU and encompasses approximately 1,179 mi^2 and 1,632 miles of streams. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 318 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin. Portions of the Chamberlain Creek and Little Salmon/Rapid River populations are contained in this subbasin. Additionally, other populations use watersheds in this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I17 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation. The CHART noted that due to an oversight, HUC5# 1706020907 (Salmon River/ Hammer Creek) warranted a rating change from preliminarily medium to high value due to the lack of tributary habitat and its importance as a high value connectivity corridor for upstream HUC5s.

Little Salmon Subbasin (HUC4# 17060210)

The Little Salmon subbasin is located in the Salmon River Basin and contained in Adams and Idaho counties, Idaho. The subbasin contains five watersheds occupied by this ESU

and encompasses approximately 406 mi^2 and 744 miles of streams. Fish distribution and habitat use data from BLM, IDFG, and USFS identify approximately 101 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population that is partially contained in this subbasin: Little Salmon/Rapid River. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I18 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Upper Selway Subbasin (HUC4# 17060301)

The Upper Selway subbasin is located in the Clearwater River Basin and contained in Idaho County, Idaho. The subbasin contains nine watersheds occupied by this ESU and encompasses approximately 983 mi^2 and 1,246 miles of streams. Fish distribution and habitat use data from IDFG and USFS identify approximately 314 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population that is partially contained in this subbasin, the Selway River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I19 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lower Selway Subbasin (HUC4# 17060302)

The Lower Selway subbasin is located in the Clearwater River Basin and contained in Idaho County, Idaho. The subbasin contains 13 watersheds occupied by this ESU and encompasses approximately 1,005 mi^2 and 1,297 miles of streams. Fish distribution and habitat use data from IDFG and USFS identify approximately 242 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population that is partially contained in this subbasin, the Selway River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing

spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I20 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lochsa Subbasin (HUC4# 17060303)

The Lochsa subbasin is located in the Clearwater River Basin and contained in Clearwater and Idaho counties, Idaho. The subbasin contains 14 watersheds occupied by this ESU and encompasses approximately 1,178 mi^2 and 1,378 miles of streams. Fish distribution and habitat use data from IDFG and USFS identify approximately 277 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population that in this subbasin, the Lochsa River population. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I21 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation. The CHART noted that HUC5# 1706030310 (Upper White Sands Creek) warranted a rating change from preliminarily low to high value due to recent surveys supporting a higher certainty that steelhead are using tributary habitats in this HUC5 for spawning and rearing.

Middle Fork Clearwater Subbasin (HUC4# 17060304)

The Middle Fork Clearwater subbasin is located in the Clearwater River Basin and contained in Idaho County, Idaho. The subbasin contains two watersheds occupied by this ESU and encompasses approximately 217 mi^2 and 296 miles of streams. Fish distribution and habitat use data from BLM, IDFG and USFS identify approximately 80 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified one historically independent population that is partially contained by this subbasin, the Lower Clearwater River population. Additionally, other populations use watersheds in this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I22 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

South Fork Clearwater Subbasin (HUC4# 17060305)

The South Fork Clearwater subbasin is located in the Clearwater River Basin and contained in Idaho County, Idaho. The subbasin contains 13 watersheds occupied by this ESU and encompasses approximately 1,176 mi^2 and 1,673 miles of streams. Fish distribution and habitat use data from BLM, IDFG and USFS identify approximately 443 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin. The South Fork Clearwater River population and a portion of the Lower Clearwater River population are contained within this subbasin. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I23 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Clearwater Subbasin (HUC4# 17060306)

The Clearwater subbasin is located in the Clearwater River Basin and contained in Clearwater, Idaho, Latah, Lewis, and Nez Perce counties, Idaho. In addition to those areas in Idaho, there is a small portion of the subbasin (approximately 12 mi^2) within Whitman County, Washington. The subbasin contains 26 watersheds occupied by this ESU and encompasses approximately 2,046 mi^2 and 3,147 miles of streams. Fish distribution and habitat use data from BLM, IDFG and USFS identify approximately 425 miles of occupied riverine habitat in the watersheds (NOAA 2005). The Interior Columbia Basin TRT (2003, 2005) identified two historically independent populations in this subbasin. The Lolo Creek population and a portion of the Lower Clearwater River population are contained within this subbasin. Additionally, other populations use watersheds in this subbasin for rearing and migration. The CHART concluded that all of the occupied areas contained one or more PCEs for this ESU and identified management activities that may affect the PCEs. Table I1 summarizes the total number of occupied riverine and estuarine reaches identified for each HUC5 watershed as containing spawning, rearing, or migration PCEs, as well as management activities that may affect the PCEs in the watersheds. Map I24 depicts the specific areas in this subbasin occupied by the ESU and under consideration for critical habitat designation.

Lower North Fork Clearwater Subbasin (HUC4# 17060308)

The Lower North Fork Clearwater subbasin is located in the Clearwater River Basin. The ESU is limited to the lowermost watershed in the subbasin which contains portions

of Clearwater and Latah counties, Idaho. The upper areas of the subbasin also contain portions of Shoshone County, Idaho. The subbasin contains one watershed that is occupied by the anadromous life history type of this ESU. The occupied watershed encompasses approximately 81 mi^2 and 93 miles of streams. Fish distribution and habitat use data from IDFG and USFS identify approximately 2 miles of occupied riverine habitat in the lowermost watershed of the subbasin (NOAA 2005). The occupied habitat is part of the Lower Clearwater River population (ICBTRT 2003, 2005). The CHART initially concluded that all of the occupied areas contained one or more PCEs for this ESU. However, after considering again the the extremely limited quality and quantity of habitat features in this HUC5 the CHART concluded that PCEs are lacking here and did not consider it eligible for designation as critical habitat.

In addition, the CHART also considered whether historically occupied areas of this subbasin (and the upstream subbasin – Upper North Fork Clearwater) above Dworshak Dam are essential for ESU conservation. Although many areas are now inundated, the CHART concluded that most of the blocked watersheds are still in good condition. The CHART also noted that the ICBTRT identified these areas as part of a historically independent population and underscored that the resident *O. mykiss* above Dworshak Dam are genetically unique relative to other *O. mykiss* in the Clearwater basin. In addition, NOAA Fisheries recently completed a status review update of this ESU (NOAA Fisheries 2003) that noted "recent genetic data suggest that native resident *O. mykiss* above Dworshak Dam on the North Fork Clearwater should be considered part of this ESU, but hatchery rainbow trout that have been introduced to that and other areas would not." Given these considerations, the CHART concluded that these blocked watersheds may be essential for ESU conservation however they were uncertain which specific areas within them may warrant consideration as critical habitat.

Lower Snake/Columbia River corridor

The lower Snake/Columbia River rearing and migration corridor begins in southeast Washington immediately downstream of the confluence of the Snake River with the Palouse River. The corridor includes approximately 58 miles of the Lower Snake River and 320 miles of the Columbia River. Watersheds downstream of the Palouse River are outside of the spawning range of this ESU and likely used in a limited way as juvenile rearing habitat for this ESU.

After reviewing the best available scientific data for all of the areas within the freshwater and estuarine range of this ESU, the CHART concluded that the lower Snake/Columbia River corridor was of high conservation value to the ESU. The CHART noted that this

corridor connects every watershed and population in this ESU with the ocean and by rearing/migrating juveniles and migrating adults. The Columbia River estuary also contains PCEs and is a particularly important area for this ESU as both juveniles and adults make the critical physiological transition between life in freshwater and marine habitats (Marriot et al. 2002).

CHART Conservation Value Rating

Freshwater/Estuarine Areas

After reviewing the best available scientific data regarding critical habitat for this ESU, the CHART concluded that most of the occupied HUC5 watersheds were of either high or medium conservation value to the ESU. Of the 291 HUC5s reviewed, 220 were rated as high, 44 were rated as medium, and 27 were rated as low conservation value. Table J2 summarizes the CHART's PCE/watershed scores[6] and conservation value ratings, and Figure J1 shows the overall distribution of ratings by HUC5 watershed. The CHART concluded that it was important to have high value watersheds identified in each of the six TRT major groupings of populations and their assessment reflects that conclusion.

Marine Areas

NOAA Fisheries' analysis focused on freshwater and estuarine habitats upstream of the mouth of the Columbia River. While marine areas are occupied by this ESU, within this vast area the agency has not identified "specific areas within the geographical area occupied by the species . . . on which are found those physical or biological features . . . essential to the conservation of the species."

Changes to the CHART's Initial Assessments

The CHART reviewed the public and peer reviewer comments received on the Team's initial findings for this ESU as well as new information relevant to evaluating habitat areas for this ESU. As a result, the CHART changed the conservation value rating for one watershed within the geographical area occupied by this ESU (Agency Creek). Additionally, based on public comments and new information reviewed by the CHART, we have identified changes to the delineation of occupied habitat areas (including reductions associated with areas lacking PCEs) in numerous watersheds and identified four watersheds that were previously considered to be unoccupied. The proposed critical habitat designation (69 FR 74572, December 14, 2004) summarizes the comments and responses pertaining to the CHART's initial determinations for this ESU. And Tables I1

[6] PCE/watershed scores were derived using the CHART scoring process described in the introduction to this report.

and I2 reflect the final CHART assessments, including the following changes in habitat area delineations:

Subbasin	Watershed code	Watershed name	Changes from Initial CHART Assessment
Hells Canyon	1706010101	Snake River/ Granite Creek	Added 1 mile (1.6 km) of occupied habitat areas.
Hells Canyon	1706010102	Snake River/ Getta Creek	Added 1 mile (1.6 km) of occupied habitat areas.
Hells Canyon	1706010104	Snake River/ Divide Creek	Added 1 mile (1.6 km) of occupied habitat areas.
Upper Grande Ronde River	1706010408	Phillips Creek/ Willow Creek	Added 10 miles (16.1 km) of occupied habitat areas.
Upper Salmon	1706020118	Salmon River/ Fourth of July Creek	Added 4 miles (6.4 km) of occupied habitat areas.
Upper Salmon	1706020132	Morgan Creek	Added 15 miles (24.1 km) of occupied habitat areas.
Lemhi	1706020404	Agency Creek	Changed conservation rating from Low to Medium.
Lemhi	1706020408	Big Eight Mile Creek	Added 6 miles (9.6 km) of occupied habitat areas.
Lemhi	1706020412	Texas Creek	Added 14 miles (22.5 km) of occupied habitat areas. This watershed was considered to be unoccupied in the proposed designation.
Lower Salmon	1706020911	Slate Creek	Added 1 mile (1.6 km) of occupied habitat areas.
Little Salmon	1706021001	Lower Little Salmon River	Added 3 miles (4.8 km) of occupied habitat areas.

Subbasin	Watershed code	Watershed name	Changes from Initial CHART Assessment
South Fork Clearwater	1706030503	South Fork Clearwater River/ Peasley Creek	Added 1 mile (1.6 km) of occupied habitat areas.
South Fork Clearwater	1706030507	Red River	Added 3 miles (4.8 km) of occupied habitat areas.
South Fork Clearwater	1706030508	Crooked River	Added 4 miles (6.4 km) of occupied habitat areas.
South Fork Clearwater	1706030510	John's Creek	Added 10 miles (16.1 km) of occupied habitat areas.
South Fork Clearwater	1706030511	Mill Creek	Added 8 miles (12.9 km) of occupied habitat areas.
South Fork Clearwater	1706030513	Cottonwood Creek	Added 11 miles (17.7 km) of occupied habitat areas.
Clearwater	1706030602	Clearwater River/ Lower Potlatch River	Added 11 miles (17.7 km) of occupied habitat areas.
Clearwater	1706030604	Lower Big Bear Creek	Added 22 miles (35.4 km) of occupied habitat areas.
Clearwater	1706030605	Upper Big Bear Creek	Added 12 miles (19.3 km) of occupied habitat areas. This watershed was considered to be unoccupied in the proposed designation.
Clearwater	1706030606	Potlatch River/ Pine Creek	Added 5 miles (8.0 km) of occupied habitat areas.
Clearwater	1706030607	Upper Potlatch River	Added 7 miles (11.3 km) of occupied habitat areas.

Subbasin	Watershed code	Watershed name	Changes from Initial CHART Assessment
Clearwater	1706030608	Clearwater River/ Bedrock Creek	Added 8 miles (12.9 km) of occupied habitat areas.
Clearwater	1706030610	Big Canyon Creek	Added 9 miles (14.5 km) of occupied habitat areas.
Clearwater	1706030613	Upper Orofino Creek	Added 1 mile (1.6 km) of occupied habitat areas.
Clearwater	1706030614	Jim Ford Creek	Added 6 miles (9.6 km) of occupied habitat areas.
Clearwater	1706030615	Lower Lolo Creek	Added 1 mile (1.6 km) of occupied habitat areas.
Clearwater	1706030620	Clearwater River/ Fivemile Creek	Added 2 miles (3.2 km) of occupied habitat areas.
Clearwater	1706030623	Lower Lawyer Creek	Added 4 miles (6.4 km) of occupied habitat areas.
Clearwater	1706030627	Cottonwood Creek	Added 2 miles (3.2 km) of occupied habitat areas.
Clearwater	1706030628	Upper Lapwai Creek	Added 12 miles (19.3 km) of occupied habitat areas. This watershed was considered to be unoccupied in the proposed designation.
Clearwater	1706030629	Mission Creek	Added 14 miles (22.5 km) of occupied habitat areas. This watershed was considered to be unoccupied in the proposed designation.
Clearwater	1706030630	Upper Sweetwater Creek	Added 1 mile (1.6 km) of occupied habitat areas.

Subbasin	Watershed code	Watershed name	Changes from Initial CHART Assessment
Clearwater	1706030801	Lower North Fork Clearwater River	Removed 2 miles (3.2 km) of occupied stream reaches lacking PCEs.
Clearwater	1706030631	Lower Sweetwater	Added 2 miles (3.2 km) of occupied habitat areas.

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Table I1. Summary of Occupied Areas, PCEs, and Management Activities Affecting PCEs for the Snake River Basin Steelhead ESU

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Hells Canyon	Snake River/ Granite Creek	1706010101	25.6	18.2	15.5		0	D, G, T
	Hells Canyon	Snake River/ Getta Creek	1706010102	27	23.7	18.7		0	D, G, T
	Hells Canyon	Snake River/ Divide Creek	1706010104	13.6	12.5	1.4		0	D, G, T
	Imnaha River	Upper Imnaha River	1706010201	46.5	0	0		0	F, G, R
	Imnaha River	Middle Imnaha River	1706010202	64.1	0	0		0	F, G, I, R
	Imnaha River	Big Sheep Creek	1706010203	64	0	0		0	F, G, I
	Imnaha River	Little Sheep Creek	1706010204	69.4	0	0.6		0	F, G, I, U
	Imnaha River	Lower Imnaha River	1706010205	112.3	0	0		0	G, I
	Lower Snake/ Asotin	Snake River/ Rogersburg	1706010301	12.5	19.6	0		0	G, T
	Lower Snake/ Asotin	Asotin River	1706010302	89.3	<0.1	4.7		0	F, G, I, U
	Lower Snake/ Asotin	Snake River/ Captain John Creek	1706010303	45.1	18	6.6		0	A, G, X
	Upper Grande Ronde	Upper Grande Ronde River	1706010401	106.1	0.2	0		0	C, F, G, M, R
	Upper Grande Ronde	Meadow Creek	1706010402	99.9	0	0		0	C, F, G, R
	Upper Grande Ronde	Grande Ronde River/ Beaver Creek	1706010403	118.7	0.5	0		0	C, F, G, R
	Upper Grande Ronde	Grande Ronde River/ Five Points Creek	1706010404	56.7	12.2	0		0	A, C, F, G, I, R, U
	Upper Grande Ronde	Catherine Creek	1706010405	45.5	6	0		0	F, G, I, R, U
	Upper Grande Ronde	Ladd Creek	1706010406	30.2	8.1	0		0	C, F, G, I, R
	Upper Grande Ronde	Grande Ronde River/ Mill Creek	1706010407	10.8	40.2	0		0	A, C, I, R
	Upper Grande Ronde	Phillips Creek/ Willow Creek	1706010408	43.2	4.2	2.5		0	A, C, F, G, I, R
	Upper Grande Ronde	Grande Ronde River/ Indian Creek	1706010409	68.3	16	0		0	A, F, G, I, R
	Upper Grande Ronde	Lookingglass Creek	1706010410	45.8	1.2	0		0	F, G, R
	Upper Grande Ronde	Grande Ronde River/ Cabin Creek	1706010411	82	0	0		0	A, F, G, R, U

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Wallowa River	Upper Wallowa River	1706010501	39.5	0	0		0	C, F, G, I, U
	Wallowa River	Lostine River	1706010502	25.6	0	0		0	F, G, I, M
	Wallowa River	Middle Wallowa River	1706010503	36.8	0	0		0	A, C, F, G, I
	Wallowa River	Bear Creek	1706010504	25.5	0	0		0	F, G, I, R, U
	Wallowa River	Minam River	1706010505	64.5	0	0		0	C, F, I
	Wallowa River	Lower Wallowa River	1706010506	70.2	2.4	0		0	C, F, G, I, R
	Lower Grande Ronde	Grande Ronde River/ Rondowa	1706010601	56.3	0	0		0	F, G, I
	Lower Grande Ronde	Grande Ronde River/ Mud Creek	1706010602	116.3	0	0		0	F, G, R
	Lower Grande Ronde	Weneha River	1706010603	88.4	0	<0.1		0	F, G
	Lower Grande Ronde	Chesnimnus Creek	1706010604	83.7	0	0		0	F, G
	Lower Grande Ronde	Upper Joseph Creek	1706010605	77.1	0	0		0	G, I, X
	Lower Grande Ronde	Lower Joseph Creek	1706010606	73.9	0	0		0	G, R
	Lower Grande Ronde	Lower Grande Ronde River/ Menathce Creek	1706010607	57.6	18.6	4.2		0	F, G, R, T
	Lower Snake/ Tucannon	Alpowa Creek	1706010701	19.3	0	3.4		0	A, G, I
	Lower Snake/ Tucannon	Snake River/ Steptoe Canyon	1706010702	13.4	0	24.3		0	D, G, T, X
	Lower Snake/ Tucannon	Deadman Creek	1706010703	44.6	0	1		0	G, I
	Lower Snake/ Tucannon	Flat Creek	1706010704	8.3	0	<0.1		0	A, D, G
	Lower Snake/ Tucannon	Pataha Creek	1706010705	40	0	11.1		0	A, F, G, I, X
	Lower Snake/ Tucannon	Upper Tucannon River	1706010706	64.9	0	2.8		0	A, F, G, I
	Lower Snake/ Tucannon	Lower Tucannon River	1706010707	18.9	<0.1	5		0	C, G, I

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Lower Snake/ Tucannon	Snake River/ Penawawa Creek	1706010708	16.4	0.2	51.2		0	D, G, T, X
	Palouse River	Lower Palouse River	1706010808	6.3	0	2		0	A, D
	Upper Salmon	Salmon River/ Challis	1706020101	16.4	13.2	0.5		0	R
	Upper Salmon	Salmon River/ Bayhorse Creek	1706020104	7.9	15	0		0	G, I, R, S
	Upper Salmon	East Fork Salmon River/ McDonald Creek	1706020105	21.6	0	0		0	G, I
	Upper Salmon	Road Creek	1706020107	2.8	0	0		0	G, I, R
	Upper Salmon	Herd Creek	1706020108	27.9	0	0		0	G, I, R
	Upper Salmon	East Fork Salmon River/ Big Boulder Creek	1706020109	22.2	0	0		0	G, I, M, R
	Upper Salmon	Upper East Fork Salmon River	1706020110	19.4	0	0		0	G, I, M
	Upper Salmon	Germania Creek	1706020111	4.8	0	0		0	G, I, M
	Upper Salmon	Salmon River/ Kinnikinic Creek	1706020112	8.8	0	0		0	C, G, R
	Upper Salmon	Salmon River/ Slate Creek	1706020113	29.8	0.1	0		0	F, G, I, R, M
	Upper Salmon	Warm Springs Creek	1706020114	10	0	0		0	G, M, R
	Upper Salmon	Salmon River/ Big Casino Creek	1706020115	28.6	0.6	0		0	C, I, M
	Upper Salmon	Salmon River/ Fisher Creek	1706020117	16.5	0	0		0	G, I
	Upper Salmon	Salmon River/ Fourth of July Creek	1706020118	13.4	0	0		0	G, I, M
	Upper Salmon	Upper Salmon River	1706020119	41.5	0	0		0	G, I
	Upper Salmon	Alturas Lake Creek	1706020120	20	3.8	0		0	G, I
	Upper Salmon	Redfish Lake Creek	1706020121	10.6	0	0		0	R, U
	Upper Salmon	Valley Creek/ Iron Creek	1706020122	29.6	3	0		0	G, I, M, U
	Upper Salmon	Upper Valley Creek	1706020123	38.1	0	0		0	G, I
	Upper Salmon	Basin Creek	1706020124	13.2	0	0		0	G, M, R
	Upper Salmon	Yankee Fork/ Jordan Creek	1706020125	38.2	0	0		0	I, M, R
	Upper Salmon	West Fork Yankee Fork	1706020126	29.7	0	0		0	M, R

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Upper Salmon	Upper Yankee Fork	1706020127	29.2	0	0		0	G, R
	Upper Salmon	Squaw Creek	1706020128	14.7	0	0		0	I, M, R
	Upper Salmon	Garden Creek	1706020129	7.5	0	0		0	A, G, I, U
	Upper Salmon	Challis Creek/ Mill Creek	1706020130	4.4	0	0		0	G, I
	Upper Salmon	Morgan Creek	1706020132	26.9	0	0		0	G, I, R
	Pahsimeroi	Lower Pahsimeroi River	1706020201	23	0	0		0	A, G, I
	Pahsimeroi	Pahsimeroi River/ Falls Creek	1706020202	17.1	0	0		0	A, G, I
	Pahsimeroi	Paterson Creek	1706020203	11	0	0		0	G, I, M
	Pahsimeroi	Big Creek	1706020204	0	0	0	[dd]	0	
	Pahsimeroi	Pahsimeroi River/ Goldberg Creek	1706020205	0	0	0	[ee]	0	
	Pahsimeroi	Upper Pahsimeroi River	1706020206	0	0	0	[ff]	0	
	Middle Salmon-Panther	Salmon River/ Colson Creek	1706020301	2.5	0	11.3		0	A, F, I, M
	Middle Salmon-Panther	Owl Creek	1706020302	6.2	0	0		0	F, M
	Middle Salmon-Panther	Salmon River/ Pine Creek	1706020303	14.6	0	17.8		0	F, I, M, R, U
	Middle Salmon-Panther	Indian Creek	1706020304	11.1	0	2.1		0	F, I, M, U
	Middle Salmon-Panther	Salmon River/ Moose Creek	1706020305	26.7	0	7.5		0	C, R, U

[dd] Unoccupied HUC5, ephemeral barrier prevents population expansion into this HUC5; Based on a review of public comments and new information the CHART determined that this HUC5 is not essential for conservation of the ESU

[ee] Unoccupied HUC5, ephemeral barrier prevents population expansion into this HUC5; Based on a review of public comments and new information the CHART determined that this HUC5 is not essential for conservation of the ESU

[ff] Unoccupied HUC5, ephemeral barrier prevents population expansion into this HUC5; Based on a review of public comments and new information the CHART determined that this HUC5 is not essential for conservation of the ESU

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Middle Salmon-Panther	North Fork Salmon River	1706020306	54.8	0	0		0	A, F, G, M
	Middle Salmon-Panther	Salmon River/ Tower Creek	1706020307	10	0	0.1		0	C, G, I, U
	Middle Salmon-Panther	Carmen Creek	1706020308	11.5	0	0		0	A, I, U
	Middle Salmon-Panther	Salmon River/ Jesse Creek	1706020309	5.9	0	7.4		0	A, U
	Middle Salmon-Panther	Salmon River/ Williams Creek	1706020310	10.8	0	0		0	I, U
	Middle Salmon-Panther	Salmon River/ Twelvemile Creek	1706020311	0.3	0	13.2		0	C, G, I, R
	Middle Salmon-Panther	Salmon River/ Cow Creek	1706020312	22.4	6.1	0		0	C, G, I, R
	Middle Salmon-Panther	Hat Creek	1706020313	2.2	0	0		0	G, I
	Middle Salmon-Panther	Iron Creek	1706020314	8.1	0.8	0		0	G, I, M
	Middle Salmon-Panther	Upper Panther Creek	1706020315	16	0	0		0	G, I
	Middle Salmon-Panther	Moyer Creek	1706020316	7.7	0	0		0	F, G, I, R
	Middle Salmon-Panther	Panther Creek/ Woodtick Creek	1706020317	15	0	0		0	M, R
	Middle Salmon-Panther	Deep Creek	1706020318	2.3	0	0		0	R
	Middle Salmon-Panther	Napias Creek	1706020319	0	0	0.7		0	A, F, M, R
	Middle Salmon-Panther	Panther Creek/ Spring Creek	1706020320	5.1	0	7.3		0	M, R

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Middle Salmon-Panther	Big Deer Creek	1706020321	0.8	0	0		0	M
	Middle Salmon-Panther	Panther Creek/ Trail Creek	1706020322	21.5	0	0		0	D, I, M, R
	Middle Salmon-Panther	Clear Creek	1706020323	9.8	0	0		0	F
	Lemhi	Lemhi River/ Bohannon Creek	1706020401	19.3	0	0		0	C, G, I, M, R
	Lemhi	Lemhi River/ Whimpey Creek	1706020402	12.8	0	0		0	C, G, I, M, R
	Lemhi	Lemhi River/ Kenney Creek	1706020403	14.5	0	0		0	C, G, R
	Lemhi	Agency Creek	1706020404	2.7	0	0		0	G, M, R
	Lemhi	Lemhi River/ McDevitt Creek	1706020405	5.6	0	0		0	C, G, R
	Lemhi	Lemhi River/ Yearian Creek	1706020406	9.6	0	0		0	I
	Lemhi	Peterson Creek	1706020407	5.9	0	0		0	I
	Lemhi	Big Eight Mile Creek	1706020408	14.9	0	0	13.6	0	I
	Lemhi	Canyon Creek	1706020409	1	<0.1	0	18.1	0	G, I
	Lemhi	Hawley Creek	1706020410	0	0	0	15.4	0	G, I, Rec
	Lemhi	Eighteen Mile Creek	1706020411	0	0	0	38.6	0	G, I
	Lemhi	Texas Creek	1706020412	13.6	0.4	0		0	G, I
	Lemhi	Big Timber Creek	1706020413	0	0	0	28.3	0	G, I
	Lemhi	Hayden Creek	1706020414	31.4	0	0		0	C, I
	Upper Middle Fork Salmon	Lower Loon Creek	1706020501	29.3	0	0		0	I, M, R
	Upper Middle Fork Salmon	Warm Springs	1706020502	26.2	0	0		0	M, R
	Upper Middle Fork Salmon	Upper Loon Creek	1706020503	49.3	0	0		0	I, R
	Upper Middle Fork Salmon	Little Loon Creek	1706020504	11.5	0	0		0	R

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Upper Middle Fork Salmon	Rapid River	1706020505	30.9	0	0		0	I, M, R
	Upper Middle Fork Salmon	Marsh Creek	1706020506	78.1	0	0		0	G, M, R
	Upper Middle Fork Salmon	Middle Fork Salmon River/ Soldier Creek	1706020507	51	0	0		0	M, R
	Upper Middle Fork Salmon	Bear Valley Creek	1706020508	121.2	0	0		0	G, M, R
	Upper Middle Fork Salmon	Sulphur Creek	1706020509	29.9	0	0		0	G, I
	Upper Middle Fork Salmon	Pistol Creek	1706020510	36.1	0	0		0	Fi, M
	Upper Middle Fork Salmon	Indian Creek	1706020511	29	0	0		0	Fi, I
	Upper Middle Fork Salmon	Upper Marble Creek	1706020512	43.7	0	0		0	M
	Upper Middle Fork Salmon	Middle Fork Salmon River/ Lower Marble Creek	1706020513	36.2	0	0		0	I
	Lower Middle Fork Salmon	Lower Middle Fork Salmon River	1706020601	9.1	17.9	0		0	Fi, M, Rec
	Lower Middle Fork Salmon	Wilson Creek	1706020602	3.5	0	0		0	Fi, M, Rec
	Lower Middle Fork Salmon	Middle Fork Salmon River/ Brush Creek	1706020603	6.9	5.2	0		0	G, I
	Lower Middle Fork Salmon	Yellow Jacket Creek	1706020604	31.1	0	1.5		0	G, I, R
	Lower Middle Fork Salmon	Silver Creek	1706020605	3.3	0	0		0	G, I, M, R
	Lower Middle Fork Salmon	Upper Camas Creek	1706020606	26.2	0	0.8		0	G, I, R

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Lower Middle Fork Salmon	West Fork Camas Creek	1706020607	7.3	0	0		0	G
	Lower Middle Fork Salmon	Lower Camas Creek	1706020608	15.4	0	0		0	G, I, M, R
	Lower Middle Fork Salmon	Middle Fork Salmon River/ Sheep Creek	1706020609	24.1	0	0		0	I
	Lower Middle Fork Salmon	Rush Creek	1706020610	16.9	0	0.3		0	Fi, M, Rec
	Lower Middle Fork Salmon	Monumental Creek	1706020611	31.8	0	0		0	M, R
	Lower Middle Fork Salmon	Big Creek/ Little Marble Creek	1706020612	17.3	0	0		0	M
	Lower Middle Fork Salmon	Upper Big Creek	1706020613	22	0	0		0	I, M, R
	Lower Middle Fork Salmon	Beaver Creek	1706020614	12.3	0	0		0	M
	Lower Middle Fork Salmon	Big Ramey Creek	1706020615	11.7	0	0		0	Rec, R
	Lower Middle Fork Salmon	Big Creek/ Crooked Creek	1706020616	43	0	0		0	M
	Lower Middle Fork Salmon	Lower Big Creek	1706020617	32.9	0	0		0	C
	Middle Salmon-Chamberlain	Salmon River/ Fall Creek	1706020701	3.6	0	4.8		0	G, F, R, Fi
	Middle Salmon-Chamberlain	Wind River	1706020702	1	0	0		0	G, Fi
	Middle Salmon-Chamberlain	Salmon River/ California Creek	1706020703	33.1	0	7.5		0	F, R, M, Fi
	Middle Salmon-Chamberlain	Sheep Creek	1706020704	13.4	0	0.4		0	Fi, R

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Middle Salmon-Chamberlain	Crooked Creek	1706020705	26.1	0	0		0	M, F, Fi
	Middle Salmon-Chamberlain	Salmon River/ Rabbit Creek	1706020706	3.1	0	8.1		0	Fi, R
	Middle Salmon-Chamberlain	Big Mallard Creek	1706020707	1.1	0	0		0	G, R
	Middle Salmon-Chamberlain	Salmon River/ Trout Creek	1706020708	25.7	0	25.9		0	Fi, F, R
	Middle Salmon-Chamberlain	Bargamin Creek	1706020709	37	0	0		0	Fi, G
	Middle Salmon-Chamberlain	Salmon River/ Rattlesnake Creek	1706020710	0.9	0	9.3		0	Fi
	Middle Salmon-Chamberlain	Sabe Creek	1706020711	19.1	0	0		0	Fi
	Middle Salmon-Chamberlain	Salmon River/ Hot Springs Creek	1706020712	17.7	0	0.1		0	M
	Middle Salmon-Chamberlain	Salmon River/ Disappointment Creek	1706020713	7.3	0	4.6		0	Fi, Rec
	Middle Salmon-Chamberlain	Horse Creek	1706020714	39.5	0	0		0	M, R
	Middle Salmon-Chamberlain	Salmon River/ Kitchen Creek	1706020715	9.8	0	7.9		0	I, M, R
	Middle Salmon-Chamberlain	Cottonwood Creek	1706020716	3.3	0	0		0	Rec
	Middle Salmon-Chamberlain	Lower Chamberlain/ McCalla Creek	1706020717	25.7	0	1.4		0	Rec
	Middle Salmon-Chamberlain	Upper Chamberlain Creek	1706020718	44.5	0	0		0	M
	Middle Salmon-Chamberlain	Warren Creek	1706020719	20.3	0	0		0	M, Rec

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	South Fork Salmon	Lower South Fork Salmon River	1706020801	31.1	0	0		0	I, M, R
	South Fork Salmon	South Fork Salmon River/ Sheep Creek	1706020802	24.8	0	3		0	I, M, R
	South Fork Salmon	Lower East Fork South Fork Salmon River	1706020803	22.2	0	0		0	I, M, R
	South Fork Salmon	Upper East Fork South Fork Salmon River	1706020804	38.4	0	0		0	I, M, R
	South Fork Salmon	Lower Johnson Creek	1706020805	14.4	0	0		0	I, M, R
	South Fork Salmon	Burntlog Creek	1706020806	14.1	0	0		0	I, M, R
	South Fork Salmon	Upper Johnson Creek	1706020807	48.9	0	0		0	I, M, R
	South Fork Salmon	Upper South Fork Salmon River	1706020808	46.8	0	0		0	I, M, R
	South Fork Salmon	South Fork Salmon River/ Cabin Creek	1706020809	33	0	0		0	I, M, R
	South Fork Salmon	South Fork Salmon River/ Blackmare Creek	1706020810	29.3	0	1		0	I, M, R
	South Fork Salmon	Buckhorn Creek	1706020811	14.2	0	0		0	I, M, R
	South Fork Salmon	South Fork Salmon River/ Fitsum Creek	1706020812	23.4	0	0		0	I, M, R
	South Fork Salmon	Lower Secesh River	1706020813	33	0	1.2		0	I, M, R
	South Fork Salmon	Middle Secesh River	1706020814	13.8	0	0		0	I, M, R
	South Fork Salmon	Upper Secesh River	1706020815	17.2	0	0		0	I, M, R
	Lower Salmon	Salmon River/ China Creek	1706020901	6.7	1.1	13.5		0	A, F, Fi, G
	Lower Salmon	Eagle Creek	1706020902	11.2	0	0		0	A, F, Fi, G
	Lower Salmon	Deer Creek	1706020903	4.1	0	0		0	A, F, Fi, G
	Lower Salmon	Salmon River/ Cottonwood Creek	1706020904	7	0	10.8		0	A, F, Fi, G
	Lower Salmon	Salmon River/ Deep Creek	1706020905	11.8	0	11.8		0	A, F, Fi, G
	Lower Salmon	Rock Creek	1706020906	13.2	0	0		0	A, F, Fi, R
	Lower Salmon	Salmon River/ Hammer Creek	1706020907	15.7	0	0		0	A, Fi, G

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Lower Salmon	White Bird Creek	1706020908	37.8	0	23.7		0	A, F, Fi, G, R, U
	Lower Salmon	Salmon River/ McKinzie Creek	1706020909	13.7	1.6	0.8		0	A, F, Fi, G
	Lower Salmon	Skookumchuck Creek	1706020910	14.2	0	0		0	A, F, Fi, G
	Lower Salmon	Slate Creek	1706020911	23.3	0	3.5		0	A, F, Fi, G, M, R
	Lower Salmon	Salmon River/ John Day Creek	1706020912	15.7	0.3	17.4		0	A, F, Fi, G, M, R
	Lower Salmon	Salmon River/ Lake Creek	1706020913	10.2	0	20.1		0	A, F, Fi, G, R, U
	Lower Salmon	Salmon River/ Van Creek	1706020914	0.3	0	9		0	A, F, Fi, G, R
	Lower Salmon	French Creek	1706020915	3.8	0	0		0	A, F, Fi, G, R
	Lower Salmon	Partridge Creek	1706020916	5.4	0	0.5		0	A, F, Fi, G
	Lower Salmon	Rice Creek	1706020917	9.6	0	0		0	A, F
	Little Salmon	Lower Little Salmon River	1706021001	25.9	0	3.4		0	F, Fi, G, R, U
	Little Salmon	Little Salmon River/ Hard Creek	1706021002	13.8	0	2.2		0	D, F, Fi, G, R
	Little Salmon	Hazard Creek	1706021003	2.4	0	0		0	F, Fi, G
	Little Salmon	Boulder Creek	1706021006	20	0	7.1		0	F, Fi, G, R
	Little Salmon	Rapid River	1706021007	28.9	0	0.7		0	A, F, Fi, G
	Upper Selway	Selway River/ Pettibone Creek	1706030101	29.4	0	0		0	Fi, Rec
	Upper Selway	Bear Creek	1706030102	30.5	0	0		0	Fi, R, Rec
	Upper Selway	Selway River/ Gardner Creek	1706030103	38	0	0		0	Fi, R
	Upper Selway	White Cap Creek	1706030104	35	0	8.8		0	Fi, Rec, R
	Upper Selway	Indian Creek	1706030105	16.7	0	1		0	Rec, R
	Upper Selway	Upper Selway River	1706030106	73.8	0	1.7		0	Fi, R
	Upper Selway	Burnt Knob Creek	1706030107	29.6	0	0.5		0	Fi, R
	Upper Selway	Running Creek	1706030108	36.2	0	0		0	Fi, Rec
	Upper Selway	Goat Creek	1706030109	12.8	0	0		0	Fi, Rec
	Lower Selway	Selway River/ Goddard Creek	1706030201	16.7	14.9	0		0	F, Fi, R
	Lower Selway	Gedney Creek	1706030202	5.4	0	0		0	Fi, Rec
	Lower Selway	Selway River/ Three Links Creek	1706030203	20.4	4.4	0		0	Fi, R, Rec

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Lower Selway	Upper Three Links Creek	1706030204	1.1	0	0		0	Fi, Rec
	Lower Selway	Rhoda Creek	1706030205	23.6	0	0		0	Fi, Rec
	Lower Selway	North Fork Moose Creek	1706030207	22.8	0	0		0	Fi, Rec
	Lower Selway	East Fork Moose Creek/ Trout Creek	1706030208	25.3	8.3	0		0	Fi, Rec
	Lower Selway	Upper East Fork Moose Creek	1706030209	7.5	0	0		0	Fi, Rec
	Lower Selway	Martin Creek	1706030210	9.4	0	0		0	Fi, Rec
	Lower Selway	Upper Meadow Creek	1706030211	26.8	0	0		0	F, Fi, G
	Lower Selway	Middle Meadow Creek	1706030212	16.4	0	0		0	Fi
	Lower Selway	Lower Meadow Creek	1706030213	29.9	0	0		0	F, Fi, R
	Lower Selway	O'Hara Creek	1706030214	9.1	0	0		0	F, Fi, R
	Lochsa	Lower Lochsa River	1706030301	42.6	7	0.2		0	F, Fi. R
	Lochsa	Fish Creek	1706030302	33.7	0	4.5		0	F, R
	Lochsa	Lochsa River/ Stanley Creek	1706030303	34	3.3	1.4		0	Fi, R
	Lochsa	Lochsa River/ Squaw Creek	1706030304	52.3	0	0.2		0	F, Fi, R
	Lochsa	Lower Crooked Fork	1706030305	6.9	0	0		0	F, Fi, R
	Lochsa	Upper Crooked Fork	1706030306	13.4	0	0		0	F, Fi, R
	Lochsa	Brushy Fork	1706030307	11.5	0	0.4		0	F, Fi, R
	Lochsa	Lower White Sands Creek	1706030308	13.8	0	0		0	F, Fi
	Lochsa	Storm Creek	1706030309	9.5	0	0.2		0	Rec
	Lochsa	Upper White Sands Creek	1706030310	18.1	0	0		0	F, Fi, R
	Lochsa	Warm Springs Creek	1706030311	4.2	0	0		0	Fi
	Lochsa	Fish Lake Creek	1706030312	9.4	0	0		0	Rec
	Lochsa	Boulder Creek	1706030313	7.7	0	0		0	Fi
	Lochsa	Old Man Creek	1706030314	3.1	0	0		0	Rec
	Middle Fork Clearwater	Middle Fork Clearwater River/ Maggie Creek	1706030401	34.5	0	0		0	A, F, Fi, G, R, U

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Middle Fork Clearwater	Clear Creek	1706030402	45.3	0	0		0	A, F, Fi, G, R
	South Fork Clearwater	Lower South Fork Clearwater River	1706030501	51.8	2.8	0.8		0	A, F, Fi, G, R, U
	South Fork Clearwater	South Fork Clearwater River/ Meadow Creek	1706030502	17.1	0	0		0	F, Fi, R
	South Fork Clearwater	South Fork Clearwater River/ Peasley Creek	1706030503	17.6	0	2.1		0	F, Fi, R
	South Fork Clearwater	South Fork Clearwater River/ Leggett Creek	1706030504	36.6	0.1	0.4		0	Fi, G, R
	South Fork Clearwater	Newsome Creek	1706030505	47.8	0	0		0	F, Fi, R
	South Fork Clearwater	American River	1706030506	56.8	0	0.8		0	F, Fi, R, U
	South Fork Clearwater	Red River	1706030507	67.7	0	1.2		0	F, Fi, R
	South Fork Clearwater	Crooked River	1706030508	26.6	0	3.8		0	F, Fi, M, R
	South Fork Clearwater	Ten Mile Creek	1706030509	14.4	0	0.8		0	F, Fi, R
	South Fork Clearwater	John's Creek	1706030510	28.9	0	13.2		0	F, Fi, R
	South Fork Clearwater	Mill Creek	1706030511	15.9	0	11.7		0	R
	South Fork Clearwater	Three Mile Creek	1706030512	10.7	0	0		0	A, F, Fi, R, U
	South Fork Clearwater	Cottonwood Creek	1706030513	12.8	0	0		0	A, F, Fi, R
	Clearwater	Lower Clearwater River	1706030601	18.4	0	0		0	A, D, R, U

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				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Clearwater	Clearwater River/ Lower Potlatch River	1706030602	21.8	0	2.9		0	A, Fi, R
	Clearwater	Potlatch River/ Middle Potlatch Creek	1706030603	13.2	0	0		0	A, F, R, U
	Clearwater	Big Bear Creek	1706030604	24.1	0	0		0	A, D, F, Fi, M, R, U
	Clearwater	Upper Big Bear Creek	1706030605	5.1	0	6.6		0	A, D, F, Fi, M, R, U
	Clearwater	Potlatch River/ Pine Creek	1706030606	32	0	0		0	A, F, Fi, R, U
	Clearwater	Upper Potlatch River	1706030607	62.9	0	1.2		0	A, D, F, Fi, G, M, R, U
	Clearwater	Clearwater River/ Bedrock Creek	1706030608	29.5	0	0		0	A, F, Fi, M, R
	Clearwater	Clearwater River/ Jack's Creek	1706030609	16.3	0	0		0	A, R
	Clearwater	Big Canyon Creek	1706030610	38.2	0	0		0	A, F, Fi, G, R, U
	Clearwater	Little Canyon Creek	1706030611	18.6	0	0		0	A, D, F, R
	Clearwater	Clearwater River/ Lower Orofino Creek	1706030612	15.5	0	0		0	A, F, Fi, M, R, U
	Clearwater	Upper Orofino Creek	1706030613	2.4	0	0		0	F, Fi, M, R
	Clearwater	Jim Ford Creek	1706030614	14.5	0	0		0	F, Fi, R
	Clearwater	Lower Lolo Creek	1706030615	23.5	0	0		0	A, F, Fi, G, R
	Clearwater	Middle Lolo Creek	1706030616	25.5	0	0		0	A, F, Fi, G, R
	Clearwater	Musselshell Creek	1706030617	11.2	0	0		0	F, Fi, R
	Clearwater	Upper Lolo Creek	1706030618	14.3	0	0		0	R
	Clearwater	Eldorado Creek	1706030619	10.5	0	2.1		0	R
	Clearwater	Clearwater River/ Fivemile Creek	1706030620	6.5	4.5	1.6		0	A, F, G, M, R
	Clearwater	Clearwater River/ Sixmile Creek	1706030621	6.1	8.2	0		0	A, F, Fi, G, R
	Clearwater	Clearwater River/ Tom Taha Creek	1706030622	12.6	0	0		0	A, F, Fi, R, U
	Clearwater	Lower Lawyer Creek	1706030623	16.9	0	0		0	A, R, U
	Clearwater	Middle Lawyer Creek	1706030624	11.3	0	0		0	A, R
	Clearwater	Cottonwood Creek	1706030627	13.4	0	0		0	A, F, Fi, R

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Clearwater	Upper Lapwai Creek	1706030628	8.5	0	4		0	A, F, Fi, R
	Clearwater	Mission Creek	1706030629	14.2	0	0		0	A, F, Fi, R
	Clearwater	Upper Sweetwater Creek	1706030630	13.7	0	0		0	A, D, F, I, R
	Clearwater	Lower Sweetwater Creek	1706030631	14.5	0	0		0	A, R, U
	Lower North Fork Clearwater	Lower North Fork Clearwater River	1706030801	0	0	0		2	A, D, F, Fi, R
	Lower Snake River	Snake River/ Walker Creek	1706011001	0	0	33.8		0	A, D, Fi, R, U
	Lower Snake River	Snake River/ McCoy Creek	1706011003	0	0	24.4		0	A, D, Fi, R, U
	Lower Snake River	Mouth of Snake River	1706011004	0	0	11.7		0	A, D, Fi, R, U
	Upper Columbia/ Priest Rapids	Columbia River/ Zintel Canyon	1702001606	0	0	1.4		0	A, D, Fi, R, U
	Middle Columbia/Lake Wallula	Upper Lake Wallula	1707010101	0	0	11.9		0	C, D, I, R, T, U, W
	Middle Columbia/Lake Wallula	Lower Lake Wallula	1707010102	0	0	21.7		0	A, D, Fi, R
	Middle Columbia/Lake Wallula	Upper Lake Umatilla	1707010106	0	0	20.2		0	A, D, Fi, R, U
	Middle Columbia/Lake Wallula	Middle Lake Umatilla	1707010109	0	0	17.3		0	A, D, Fi, R
	Middle Columbia/Lake Wallula	Lower Lake Umatilla	1707010114	0	0	42.3		0	A, D, Fi, R
	Middle Columbia/Hood	Upper Middle Columbia/Hood	1707010501	0	0	14.7		0	A, D, Fi, G, S, R, T
	Middle Columbia/Hood	Middle Columbia/Mill Creek	1707010504	0	0	24.6		0	A, D, F, Fi, G, R, T, I, U

Map Code	Subbasin	Watershed	Area/ Watershed (HUC5) Code	Primary Constituent Elements (PCEs)			Unoccupied but may be essential (mi)***	Occupied but lacking PCEs (mi)	Management Activities***
				Spawning/ Rearing PCEs (mi)	Rearing/ Migration PCEs (mi)	Migration/ Presence PCEs (mi)*			
	Middle Columbia/Hood	Middle Columbia/Grays Creek	1707010512	0	0	25.6		0	F, Fi, R, T
	Middle Columbia/Hood	Middle Columbia/Eagle Creek	1707010513	0	0	9.3		0	D, R, U
	Lower Columbia/Sandy	Columbia Gorge Tributaries	1708000107	0	0	25.8		0	C, D, F, R, U, W
	Multiple	Lower Columbia Corridor (Sandy/Washougal to Ocean)	NA	0	0	117.4[gg]		0	D, I, T, W

* Some streams classified as "Migration/ Presence PCEs" may also include rearing or spawning PCEs, but the GIS data are still undergoing review to confirm additional habitat use types.

** These watersheds historically supported spawning and rearing PCEs. The CHART determined that these watersheds may be essential for conservation of the ESU. Since these watersheds are unoccupied, the CHART did not identify management activities.

*** This list is not exhaustive. It is intended to highlight key management activities affecting PCEs in each watershed. Activities identified are based on the general categories described by Spence et al. (1996) and summarized previously in the "Special Management Considerations or Protection" section of this report. Coding is as follows: A = agriculture, C = channel modifications/diking, D = hydroelectric dams, F= forestry, Fi = fire activity and disturbance, G = grazing, I = irrigation impoundments and withdrawals, M = mineral mining, R = road building/ maintenance, Rec = recreational facilities and activities management, S = sand and gravel mining, T = river, estuary, and ocean traffic, U = urbanization, W = wetland loss/ removal, X = exotic/ invasive species introductions. Primary sources for this information include the CHART and reports by Ecovista (2003b), Quigley et al. (2001), NMFS (1998), and ICBTRT (2003).

[gg] The Lower Columbia River from the ocean upstream approximately 46.5 miles is considered to contain estuarine PCEs, in addition to migration and rearing (ISAB 2000).

Table I2. Summary of Initial CHART Scores and Ratings of Conservation Value for Habitat Areas in HUC5 Watersheds Occupied by the Snake River Basin Steelhead ESU

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Hells Canyon	Snake River/ Granite Creek	1706010101	3	3	3	2	1	2	14	High HUC5 score; PCEs in this watershed support one TRT demographically independent population	High
	Hells Canyon	Snake River/ Getta Creek	1706010102	3	3	3	1	1	2	13	High HUC5 score; PCEs in this watershed support one TRT demographically independent population; Priority Watershed (NMFS 1998)	High
	Hells Canyon	Snake River/ Divide Creek	1706010104	3	3	3	1	1	2	13	High HUC5 score; PCEs in this watershed support two TRT demographically independent populations; However, the CHART determined that maintaining this area may be important for ESU viability or other recovery goals; Priority Watershed (NMFS 1998); AFS Critical Watershed	High
	Imnaha River	Upper Imnaha River	1706010201	3	3	3	3	1	2	15	High HUC5 score; PCEs support the only population in the Imnaha group; AFS Critical Watershed	High
	Imnaha River	Middle Imnaha River	1706010202	3	2	2	2	2	2	13	High HUC5 score; PCEs support the only population in the Imnaha group; AFS Critical Watershed	High
	Imnaha River	Big Sheep Creek	1706010203	3	2	3	3	2	2	15	High HUC5 score; PCEs support the only population in the Imnaha group; AFS Critical Watershed	High
	Imnaha River	Little Sheep Creek	1706010204	3	2	3	1	2	2	13	High HUC5 score; PCEs support the only population in the Imnaha group	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Imnaha River	Lower Imnaha River	1706010205	3	3	3	2	3	2	16	High HUC5 score; PCEs support the only population in the Imnaha group; AFS Critical Watershed	High
	Lower Snake/ Asotin	Snake River/ Rogersburg	1706010301	3	3	3	1	1	3	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; AFS Critical Watershed	High
	Lower Snake/ Asotin	Asotin River	1706010302	3	2	3	3	3	3	17	High HUC5 score; PCEs support one of two populations within the Lower Snake River group	High
	Lower Snake/ Asotin	Snake River/ Captain John Creek	1706010303	3	2	2	1	2	3	13	High HUC5 score; PCEs support one of four populations within the Grande Ronde group	High
	Upper Grande Ronde	Upper Grande Ronde River	1706010401	3	2	2	1	3	2	13	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; AFS Critical Watershed	High
	Upper Grande Ronde	Meadow Creek	1706010402	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of four populations within the Grande Ronde group	High
	Upper Grande Ronde	Grande Ronde River/ Beaver Creek	1706010403	3	2	2	1	3	2	13	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; AFS Critical Watershed	High
	Upper Grande Ronde	Grande Ronde River/ Five Points Creek	1706010404	3	1	2	1	2	2	11	Meduim HUC5 score, but CHART determined that the spawning and rearing habitat in this HUC5 is essential for conservation and the HUC5 should be rated as High; PCEs support one of four populations within the Grande Ronde group; AFS Critical Watershed	High
	Upper Grande Ronde	Catherine Creek	1706010405	3	2	3	3	3	2	16	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; AFS Critical Watershed	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Grande Ronde	Ladd Creek	1706010406	3	1	3	2	2	2	13	High HUC5 score, but CHART determined that the PCEs in this HUC5 are likely less important than other HUC5s in this area; PCEs support one of four populations within the Grande Ronde group	Medium
	Upper Grande Ronde	Grande Ronde River/ Mill Creek	1706010407	3	0	3	2	2	2	12	High HUC5 score, but CHART determined that the PCEs in this HUC5 are likely less important than other HUC5s in this area; PCEs support one of four populations within the Grande Ronde group	Medium
	Upper Grande Ronde	Phillips Creek/ Willow Creek	1706010408	3	1	3	2	2	2	13	High HUC5 score; PCEs support one of four populations within the Grande Ronde group	High
	Upper Grande Ronde	Grande Ronde River/ Indian Creek	1706010409	3	2	2	3	2	2	14	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; AFS Critical Watershed	High
	Upper Grande Ronde	Lookingglass Creek	1706010410	3	2	2	3	2	2	14	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; AFS Critical Watershed	High
	Upper Grande Ronde	Grande Ronde River/ Cabin Creek	1706010411	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of four populations within the Grande Ronde group	High
	Wallowa River	Upper Wallowa River	1706010501	3	1	3	0	3	2	12	High HUC5 score; PCEs support one of four populations within the Grande Ronde group	High
	Wallowa River	Lostine River	1706010502	3	2	3	1	2	2	13	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998); AFS Critical Watershed	High
	Wallowa River	Middle Wallowa River	1706010503	3	1	3	0	2	2	11	Medium HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998)	Medium

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Wallowa River	Bear Creek	1706010504	3	2	3	1	2	2	13	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998); AFS Critical Watershed	High
	Wallowa River	Minam River	1706010505	3	3	3	3	3	2	17	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998); AFS Critical Watershed	High
	Wallowa River	Lower Wallowa River	1706010506	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998)	High
	Lower Grande Ronde	Grande Ronde River/ Rondowa	1706010601	3	3	2	1	2	3	14	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998)	High
	Lower Grande Ronde	Grande Ronde River/ Mud Creek	1706010602	3	2	2	3	3	3	16	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998)	High
	Lower Grande Ronde	Weneha River	1706010603	3	3	3	3	3	2	17	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998); AFS Critical Watershed	High
	Lower Grande Ronde	Chesnimnus Creek	1706010604	3	2	2	3	3	2	15	High HUC5 score; PCEs support the only population within the Grande Ronde group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998); AFS Critical Watershed	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Grande Ronde	Upper Joseph Creek	1706010605	3	2	2	3	3	2	15	High HUC5 score; PCEs support the only population within the Grande Ronde group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998); AFS Critical Watershed	High
	Lower Grande Ronde	Lower Joseph Creek	1706010606	3	1	2	3	3	2	14	High HUC5 score; PCEs support the only population within the Grande Ronde group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998); AFS Critical Watershed	High
	Lower Grande Ronde	Lower Grande Ronde River/ Menathce Creek	1706010607	3	1	3	0	2	3	12	High HUC5 score; PCEs support one of four populations within the Grande Ronde group; Priority Watershed (NMFS 1998)	High
	Lower Snake/ Tucannon	Alpowa Creek	1706010701	3	1	1	0	1	2	8	Low HUC5 score; PCEs support one of two populations within the Lower Snake River group	Medium
	Lower Snake/ Tucannon	Snake River/ Steptoe Canyon	1706010702	3	0	1	0	1	3	8	Low HUC5 score; PCEs support one of two populations within the Lower Snake River group and support all upstream populations	Low
	Lower Snake/ Tucannon	Deadman Creek	1706010703	3	1	2	1	1	2	10	Medium HUC5 score; PCEs support one of two populations within the Lower Snake River group	Low
	Lower Snake/ Tucannon	Flat Creek	1706010704	2	0	0	0	1	2	5	Low HUC5 score; PCEs support one of two populations within the Lower Snake River group	Low
	Lower Snake/ Tucannon	Pataha Creek	1706010705	3	0	2	0	0	2	7	Low HUC5 score; PCEs support one of two populations within the Lower Snake River group	Low

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Snake/ Tucannon	Upper Tucannon River	1706010706	3	2	3	3	2	2	15	High HUC5 score; PCEs support one of two populations within the Lower Snake River group; Priority Watershed (NMFS 1998)	High
	Lower Snake/ Tucannon	Lower Tucannon River	1706010707	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of two populations within the Lower Snake River group	High
	Lower Snake/ Tucannon	Snake River/ Penawawa Creek	1706010708	3	0	1	0	1	3	8	Low HUC5 score; PCEs support one of two populations within the Lower Snake River group and support all upstream populations	Medium
	Palouse River	Lower Palouse River	1706010808	2	0	0	0	1	2	5	Low HUC5 score; PCEs support one TRT demographically independent population.	Low
	Lower Snake River	Snake River/ Walker Creek	1706011001							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Lower Snake River	Snake River/ McCoy Creek	1706011003							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Lower Snake River	Mouth of Snake River	1706011004							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Upper Salmon	Salmon River/ Challis	1706020101	3	2	3	3	3	3	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Salmon	Salmon River/ Bayhorse Creek	1706020104	3	2	2	0	2	3	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	East Fork Salmon River/ McDonald Creek	1706020105	3	2	3	1	*	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Road Creek	1706020107	1	1	1	0	*	2	6	Low HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Low
	Upper Salmon	Herd Creek	1706020108	3	2	3	1	*	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	East Fork Salmon River/ Big Boulder Creek	1706020109	3	1	3	1	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Upper East Fork Salmon River	1706020110	3	2	3	1	2	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Germania Creek	1706020111	2	3	3	1	2	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Salmon River/ Kinnikinic Creek	1706020112	2	1	2	0	1	1	7	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Upper Salmon	Salmon River/ Slate Creek	1706020113	3	2	2	0	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Medium
	Upper Salmon	Warm Springs Creek	1706020114	2	3	3	3	1	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Salmon River/ Big Casino Creek	1706020115	3	2	3	3	1	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Salmon River/ Fisher Creek	1706020117	3	2	3	3	1	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Salmon	Salmon River/ Fourth of July Creek	1706020118	2	2	3	3	1	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Upper Salmon River	1706020119	3	2	3	3	1	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Alturas Lake Creek	1706020120	3	3	3	3	1	2	15	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Redfish Lake Creek	1706020121	2	3	3	3	1	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Valley Creek/ Iron Creek	1706020122	3	2	3	3	1	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Upper Valley Creek	1706020123	3	3	3	3	1	2	15	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Basin Creek	1706020124	3	3	2	2	2	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Upper Salmon	Yankee Fork/ Jordan Creek	1706020125	3	1	3	0	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Medium
	Upper Salmon	West Fork Yankee Fork	1706020126	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Upper Salmon	Upper Yankee Fork	1706020127	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Upper Salmon	Squaw Creek	1706020128	3	2	2	0	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Medium
	Upper Salmon	Garden Creek	1706020129	2	1	2	0	1	2	8	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Salmon	Challis Creek/ Mill Creek	1706020130	1	1	2	1	*	1	7	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Upper Salmon	Morgan Creek	1706020132	3	2	3	3	2	3	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Pahsimeroi	Lower Pahsimeroi River	1706020201	3	3	3	3	2	2	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Pahsimeroi	Pahsimeroi River/ Falls Creek	1706020202	1	2	2	2	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Pahsimeroi	Paterson Creek	1706020203	3	1	2	0	*	1	8	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Pahsimeroi	Big Creek	1706020204								Unoccupied HUC5, ephemeral barrier prevents population expansion into this HUC5; Based on a review of public comments and new information the CHART determined that this HUC5 is not essential for conservation of the ESU	None
	Pahsimeroi	Pahsimeroi River/ Goldberg Creek	1706020205								Unoccupied HUC5, ephemeral barrier prevents population expansion into this HUC5; Based on a review of public comments and new information the CHART determined that this HUC5 is not essential for conservation of the ESU	None
	Pahsimeroi	Upper Pahsimeroi River	1706020206								Unoccupied HUC5, ephemeral barrier prevents population expansion into this HUC5; Based on a review of public comments and new information the CHART determined that this HUC5 is not essential for conservation of the ESU	None

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Middle Salmon-Panther	Salmon River/ Colson Creek	1706020301	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Owl Creek	1706020302	1	2	1	1	1	2	8	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Middle Salmon-Panther	Salmon River/ Pine Creek	1706020303	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Indian Creek	1706020304	3	3	3	3	3	2	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Salmon River/ Moose Creek	1706020305	3	3	3	3	3	3	18	High HUC5 score; PCEs support two of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	North Fork Salmon River	1706020306	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Middle Salmon-Panther	Salmon River/ Tower Creek	1706020307	3	2	2	3	2	3	15	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Carmen Creek	1706020308	2	3	3	3	3	2	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Salmon River/ Jesse Creek	1706020309	3	1	3	2	2	3	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Salmon River/ Williams Creek	1706020310	2	1	2	0	2	3	10	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Middle Salmon-Panther	Salmon River/ Twelvemile Creek	1706020311	3	2	2	2	2	3	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Salmon River/ Cow Creek	1706020312	3	2	3	3	2	3	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Middle Salmon-Panther	Hat Creek	1706020313	1	2	3	1	*	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Medium
	Middle Salmon-Panther	Iron Creek	1706020314	2	2	3	2	2	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Upper Panther Creek	1706020315	3	2	3	3	*	2	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Moyer Creek	1706020316	2	2	3	3	*	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Panther Creek/ Woodtick Creek	1706020317	3	2	3	3	*	2	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Deep Creek	1706020318	1	3	2	2	*	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Napias Creek	1706020319	1	2	1	0	*	2	7	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Middle Salmon-Panther	Panther Creek/ Spring Creek	1706020320	3	0	3	2	*	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Panther	Big Deer Creek	1706020321	1	0	1	0	*	2	5	Low HUC5 score; PCEs support one of twelve populations in the Salmon River group	Low
	Middle Salmon-Panther	Panther Creek/ Trail Creek	1706020322	3	1	3	0	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Medium
	Middle Salmon-Panther	Clear Creek	1706020323	2	0	3	0	*	2	8	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Medium
	Lemhi	Lemhi River/ Bohannon Creek	1706020401	3	1	3	3	2	3	15	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lemhi	Lemhi River/ Whimpey Creek	1706020402	3	2	3	3	2	3	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lemhi	Lemhi River/ Kenney Creek	1706020403	3	2	2	2	2	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lemhi	Agency Creek	1706020404	1	1	1	1	1	1	6	Rating was upgraded to a medium based on information about local watershed restoration efforts and comments from the CHART. PCEs support one of twelve populations in the Salmon River group	Medium
	Lemhi	Lemhi River/ McDevitt Creek	1706020405	2	2	2	2	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lemhi	Lemhi River/ Yearian Creek	1706020406	3	2	2	2	2	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lemhi	Peterson Creek	1706020407	2	2	2	2	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Lemhi	Big Eight Mile Creek	1706020408	2	2	3	3	2	2	14**	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; CHART concluded that historic areas in Big Eight Mile Creek may be essential for ESU conservation; Priority Watershed (NMFS 1998)	High
	Lemhi	Canyon Creek	1706020409	1	2	3	3	*	1	12**	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; CHART concluded that historic areas in Canyon Creek may be essential for ESU conservation; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lemhi	Hawley Creek	1706020410							***	Unoccupied HUC5, but ephemeral barrier prevents population expansion into this HUC5; CHART determined that this HUC5 may be essential for conservation; High HUC5 score; Priority Watershed (NMFS 1998)	Possibly High
	Lemhi	Eighteen Mile Creek	1706020411							***	Unoccupied HUC5, but ephemeral barrier prevents population expansion into this HUC5; CHART determined that this HUC5 may be essential for conservation; High HUC5 score; Priority Watershed (NMFS 1998)	Possibly High
	Lemhi	Texas Creek	1706020412	3	3	3	3	*	1	16	Intially believed to be unoccupied, but public comments and new information supplied by the Salmon Challis National Forest indicate that this watershed is occupied; The CHART confirmed that the watershed is occupied and contains spawning and rearing PCEs; PCEs support one of twelve populations in the Salmon River group; High HUC5 score; Priority Watershed (NMFS 1998)	High
	Lemhi	Big Timber Creek	1706020413							***	Unoccupied HUC5, but ephemeral barrier prevents population expansion into this HUC5; CHART determined that this HUC5 may be essential for conservation; High HUC5 score; Priority Watershed (NMFS 1998)	Possibly High
	Lemhi	Hayden Creek	1706020414	3	2	3	3	2	3	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Middle Fork Salmon	Lower Loon Creek	1706020501	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Warm Springs	1706020502	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Upper Loon Creek	1706020503	3	3	3	3	*	2	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Little Loon Creek	1706020504	3	3	3	3	1	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Rapid River	1706020505	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Marsh Creek	1706020506	3	2	3	3	2	3	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Middle Fork Salmon River/ Soldier Creek	1706020507	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Middle Fork Salmon	Bear Valley Creek	1706020508	3	2	3	3	3	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Sulphur Creek	1706020509	3	3	3	3	2		14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Pistol Creek	1706020510	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Indian Creek	1706020511	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Upper Marble Creek	1706020512	3	3	3	3	2	2	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Middle Fork Salmon	Middle Fork Salmon River/ Lower Marble Creek	1706020513	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Lower Middle Fork Salmon River	1706020601	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Middle Fork Salmon	Wilson Creek	1706020602	1	3	3	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Middle Fork Salmon River/ Brush Creek	1706020603	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Yellow Jacket Creek	1706020604	3	2	3	3	*	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Silver Creek	1706020605	1	1	3	3	2	3	13	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Upper Camas Creek	1706020606	3	3	3	3	2	3	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	West Fork Camas Creek	1706020607	2	2	3	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Lower Camas Creek	1706020608	3	2	3	3	2	3	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Middle Fork Salmon	Middle Fork Salmon River/ Sheep Creek	1706020609	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Rush Creek	1706020610	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Monumental Creek	1706020611	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Big Creek/ Little Marble Creek	1706020612	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Upper Big Creek	1706020613	3	2	2	3	3	3	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Beaver Creek	1706020614	3	3	3	3	*	2	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Big Ramey Creek	1706020615	3	3	3	3	*	2	17	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Middle Fork Salmon	Big Creek/ Crooked Creek	1706020616	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Middle Fork Salmon	Lower Big Creek	1706020617	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Middle Salmon-Chamberlain	Salmon River/ Fall Creek	1706020701	2	2	2	1	1	3	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Middle Salmon-Chamberlain	Wind River	1706020702	2	2	1	1	1	2	9	Low HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	Low
	Middle Salmon-Chamberlain	Salmon River/ California Creek	1706020703	3	2	2	2	2	3	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Sheep Creek	1706020704	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Middle Salmon-Chamberlain	Crooked Creek	1706020705	3	2	2	2	3	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Middle Salmon-Chamberlain	Salmon River/ Rabbit Creek	1706020706	3	2	1	1	1	3	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Middle Salmon-Chamberlain	Big Mallard Creek	1706020707	1	2	1	1	1	2	8	Low HUC5 score; PCEs support one of twelve populations in the Salmon River group	Low
	Middle Salmon-Chamberlain	Salmon River/ Trout Creek	1706020708	3	2	2	1	2	3	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Middle Salmon-Chamberlain	Bargamin Creek	1706020709	3	3	3	2	3	2	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Middle Salmon-Chamberlain	Salmon River/ Rattlesnake Creek	1706020710	3	2	1	1	1	3	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Middle Salmon-Chamberlain	Sabe Creek	1706020711	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Middle Salmon-Chamberlain	Salmon River/ Hot Springs Creek	1706020712	3	3	3	3	3	3	18	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Salmon River/ Disappointment Creek	1706020713	3	2	3	1	2	3	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Horse Creek	1706020714	3	3	3	1	0	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Salmon River/ Kitchen Creek	1706020715	3	3	3	0	1	3	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Cottonwood Creek	1706020716	1	3	3	3	1	2	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Lower Chamberlain/ McCalla Creek	1706020717	3	3	3	3	3	2	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Upper Chamberlain Creek	1706020718	3	3	3	3	3	2	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Middle Salmon-Chamberlain	Warren Creek	1706020719	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	South Fork Salmon	Lower South Fork Salmon River	1706020801	3	2	2	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	South Fork Salmon	South Fork Salmon River/ Sheep Creek	1706020802	3	2	2	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Lower East Fork South Fork Salmon River	1706020803	3	1	2	3	2	3	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Upper East Fork South Fork Salmon River	1706020804	3	1	2	3	2	3	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Lower Johnson Creek	1706020805	3	2	2	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Burntlog Creek	1706020806	3	2	1	3	*	2	13	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Upper Johnson Creek	1706020807	3	2	1	3	*	3	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Upper South Fork Salmon River	1706020808	3	3	3	3	*	3	18	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	South Fork Salmon	South Fork Salmon River/ Cabin Creek	1706020809	3	2	2	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	South Fork Salmon River/ Blackmare Creek	1706020810	3	2	2	3	3	3	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Buckhorn Creek	1706020811	3	2	1	3	*	2	13	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	South Fork Salmon River/ Fitsum Creek	1706020812	3	2	2	3	3	3	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Lower Secesh River	1706020813	3	2	2	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Middle Secesh River	1706020814	3	2	2	3	2	3	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	South Fork Salmon	Upper Secesh River	1706020815	3	2	2	3	*	2	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Salmon	Salmon River/ China Creek	1706020901	3	2	2	1	2	3	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Salmon	Eagle Creek	1706020902	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lower Salmon	Deer Creek	1706020903	2	2	2	1	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Lower Salmon	Salmon River/ Cottonwood Creek	1706020904	3	2	2	1	2	3	13	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lower Salmon	Salmon River/ Deep Creek	1706020905	3	2	1	1	2	3	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lower Salmon	Rock Creek	1706020906	3	1	2	1	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Lower Salmon	Salmon River/ Hammer Creek	1706020907	3	2	1	1	1	3	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lower Salmon	White Bird Creek	1706020908	3	2	3	2	3	2	15	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Lower Salmon	Salmon River/ McKinzie Creek	1706020909	3	2	2	1	1	3	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lower Salmon	Skookumchuck Creek	1706020910	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Lower Salmon	Slate Creek	1706020911	3	3	3	2	3	2	16	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Lower Salmon	Salmon River/ John Day Creek	1706020912	3	2	2	2	2	3	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Lower Salmon	Salmon River/ Lake Creek	1706020913	3	2	2	2	2	3	14	High HUC5 score; PCEs support two of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Salmon	Salmon River/ Van Creek	1706020914	3	2	1	1	1	3	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Lower Salmon	French Creek	1706020915	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Lower Salmon	Partridge Creek	1706020916	1	2	2	1	2	2	10	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Lower Salmon	Rice Creek	1706020917	2	1	2	1	2	2	10	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Little Salmon	Lower Little Salmon River	1706021001	2	2	2	1	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Little Salmon	Little Salmon River/ Hard Creek	1706021002	2	2	2	1	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Little Salmon	Hazard Creek	1706021003	1	3	2	1	2	2	11	Medium HUC5 score; PCEs support one of twelve populations in the Salmon River group	Medium
	Little Salmon	Boulder Creek	1706021006	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of twelve populations in the Salmon River group	High
	Little Salmon	Rapid River	1706021007	3	3	3	3	3	2	17	High HUC5 score; PCEs support one of twelve populations in the Salmon River group; Priority Watershed (NMFS 1998)	High
	Upper Selway	Selway River/ Pettibone Creek	1706030101	2	3	3	2	2	2	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Selway	Bear Creek	1706030102	3	3	3	2	3	2	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Selway	Selway River/ Gardner Creek	1706030103	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Selway	White Cap Creek	1706030104	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Selway	Indian Creek	1706030105	2	3	3	2	2	2	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Selway	Upper Selway River	1706030106	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Selway	Burnt Knob Creek	1706030107	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Selway	Running Creek	1706030108	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Upper Selway	Goat Creek	1706030109	2	3	3	2	2	2	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Selway	Selway River/ Goddard Creek	1706030201	2	2	3	2	1	2	12	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Gedney Creek	1706030202	3	3	3	2	3	2	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Selway River/ Three Links Creek	1706030203	2	3	3	2	2	2	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Upper Three Links Creek	1706030204	1	3	3	2	1	2	12	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Rhoda Creek	1706030205	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	North Fork Moose Creek	1706030207	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	East Fork Moose Creek/ Trout Creek	1706030208	3	3	3	2	3	2	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lower Selway	Upper East Fork Moose Creek	1706030209	3	3	3	2	3	2	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Martin Creek	1706030210	2	3	3	2	2	2	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Upper Meadow Creek	1706030211	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Middle Meadow Creek	1706030212	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	Lower Meadow Creek	1706030213	3	3	3	2	3	2	16	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lower Selway	O'Hara Creek	1706030214	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of only five populations within the ESU that are important strongholds of genetically unique steelhead; Priority Watershed (NMFS 1998)	High
	Lochsa	Lower Lochsa River	1706030301	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lochsa	Fish Creek	1706030302	3	3	3	3	3	2	17	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Lochsa River/ Stanley Creek	1706030303	2	3	3	1	1	2	12	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Lochsa River/ Squaw Creek	1706030304	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Lower Crooked Fork	1706030305	2	3	3	2	2	2	14	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Upper Crooked Fork	1706030306	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Brushy Fork	1706030307	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lochsa	Lower White Sands Creek	1706030308	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Storm Creek	1706030309	2	3	3	1	2	2	13	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Upper White Sands Creek	1706030310	3	3	3	0	1	2	9	Low HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Warm Springs Creek	1706030311	2	3	3	1	2	2	13	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Fish Lake Creek	1706030312	3	3	3	2	2	2	15	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Lochsa	Boulder Creek	1706030313	2	3	3	1	2	2	13	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Lochsa	Old Man Creek	1706030314	2	3	3	1	2	2	13	High HUC5 score; PCEs support one of two populations in the Clearwater River group for which the TRT found no evidence of hatchery introgression; Priority Watershed (NMFS 1998)	High
	Middle Fork Clearwater	Middle Fork Clearwater River/ Maggie Creek	1706030401	2	2	2	2	2	3	13	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Middle Fork Clearwater	Clear Creek	1706030402	3	1	3	3	2	2	14	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	Lower South Fork Clearwater River	1706030501	1	2	2	1	1	3	10	Medium HUC5 score; PCEs support two of five populations in the Clearwater River group	Medium
	South Fork Clearwater	South Fork Clearwater River/ Meadow Creek	1706030502	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	South Fork Clearwater River/ Peasley Creek	1706030503	2	2	1	1	1	2	9	Low HUC5 score; PCEs support one of five populations in the Clearwater River group	Low
	South Fork Clearwater	South Fork Clearwater River/ Leggett Creek	1706030504	2	2	2	1	2	2	11	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	South Fork Clearwater	Newsome Creek	1706030505	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	American River	1706030506	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	South Fork Clearwater	Red River	1706030507	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	Crooked River	1706030508	3	2	3	2	2	2	14	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	Ten Mile Creek	1706030509	3	3	3	3	2	2	16	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	John's Creek	1706030510	3	3	3	3	2	2	16	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	Mill Creek	1706030511	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	South Fork Clearwater	Three Mile Creek	1706030512	2	1	2	1	1	2	9	Low HUC5 score; PCEs support one of five populations in the Clearwater River group	Low
	South Fork Clearwater	Cottonwood Creek	1706030513	3	1	2	1	2	2	11	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Lower Clearwater River	1706030601	1	1	1	2	1	3	9	Low HUC5 score; PCEs support one of five populations in the Clearwater River group	Low
	Clearwater	Clearwater River/ Lower Potlatch River	1706030602	2	1	1	2	1	3	10	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Potlatch River/ Middle Potlatch Creek	1706030603	3	1	2	1	2	2	11	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Clearwater	Big Bear Creek	1706030604	3	2	2	1	1	2	11	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Upper Big Bear Creek	1706030605	2	2	2	1	*	1	10	At the time of the proposed rule this watershed was thought to be unoccupied. New information from the Cottonwood office of the BLM indicates that there have been recent observations of steelhead in this watershed. Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Potlatch River/ Pine Creek	1706030606	3	2	2	1	2	2	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Upper Potlatch River	1706030607	3	2	2	3	2	2	14	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Clearwater River/ Bedrock Creek	1706030608	2	1	2	2	2	3	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Clearwater River/ Jack's Creek	1706030609	2	1	2	2	2	3	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Big Canyon Creek	1706030610	3	1	2	3	2	3	14	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Little Canyon Creek	1706030611	3	1	2	3	2	2	13	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Clearwater River/ Lower Orofino Creek	1706030612	2	1	1	2	1	2	9	Low HUC5 score; PCEs support one of five populations in the Clearwater River group	Low
	Clearwater	Upper Orofino Creek	1706030613	1	2	0	0	*	2	6	Low HUC5 score; PCEs support one of five populations in the Clearwater River group	Low

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Clearwater	Jim Ford Creek	1706030614	2	1	2	2	2	2	11	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Lower Lolo Creek	1706030615	3	2	2	2	2	2	13	High HUC5 score; PCEs support two of five populations in the Clearwater River group; Priority Watershed (NMFS 1998)	High
	Clearwater	Middle Lolo Creek	1706030616	3	2	2	2	2	2	13	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Musselshell Creek	1706030617	3	2	2	2	2	2	13	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Upper Lolo Creek	1706030618	3	2	2	2	2	2	13	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Eldorado Creek	1706030619	3	2	2	2	2	2	13	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Clearwater River/ Fivemile Creek	1706030620	2	1	1	2	1	3	10	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Clearwater River/ Sixmile Creek	1706030621	2	1	1	2	1	3	10	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Clearwater River/ Tom Taha Creek	1706030622	2	1	1	2	1	3	10	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Lower Lawyer Creek	1706030623	3	1	2	2	2	2	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Middle Lawyer Creek	1706030624	3	1	2	2	2	2	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Clearwater	Cottonwood Creek	1706030627	2	1	2	2	2	2	11	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Upper Lapwai Creek	1706030628	3	1	2	2	2	2	12	At the time of the proposed rule this watershed was thought to be unoccupied. New information from the Cottonwood office of the BLM indicates that there have been recent observations of steelhead in this watershed. High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Mission Creek	1706030629	3	2	2	2	2	2	13	At the time of the proposed rule this watershed was thought to be unoccupied. New information from the Cottonwood office of the BLM indicates that there have been recent observations of steelhead in this watershed. High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Clearwater	Upper Sweetwater Creek	1706030630	2	1	2	2	1	2	10	Medium HUC5 score; PCEs support one of five populations in the Clearwater River group	Medium
	Clearwater	Lower Sweetwater Creek	1706030631	3	1	2	2	2	2	12	High HUC5 score; PCEs support one of five populations in the Clearwater River group	High
	Lower North Fork Clearwater	Lower North Fork Clearwater River	1706030801								Based on new information and public comments, the CHART determined that although this watershed is occupied the PCEs are severely degraded or lacking. This watershed is not essential for the conservation of the ESU.	No PCEs

Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Upper Columbia/ Priest Rapids	Columbia River/ Zintel Canyon	1702001606							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Lake Wallula	Upper Lake Wallula	1707010101							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Lake Wallula	Lower Lake Wallula	1707010102							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Lake Wallula	Upper Lake Umatilla	1707010106							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Lake Wallula	Middle Lake Umatilla	1707010109							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Lake Wallula	Lower Lake Umatilla	1707010114							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High

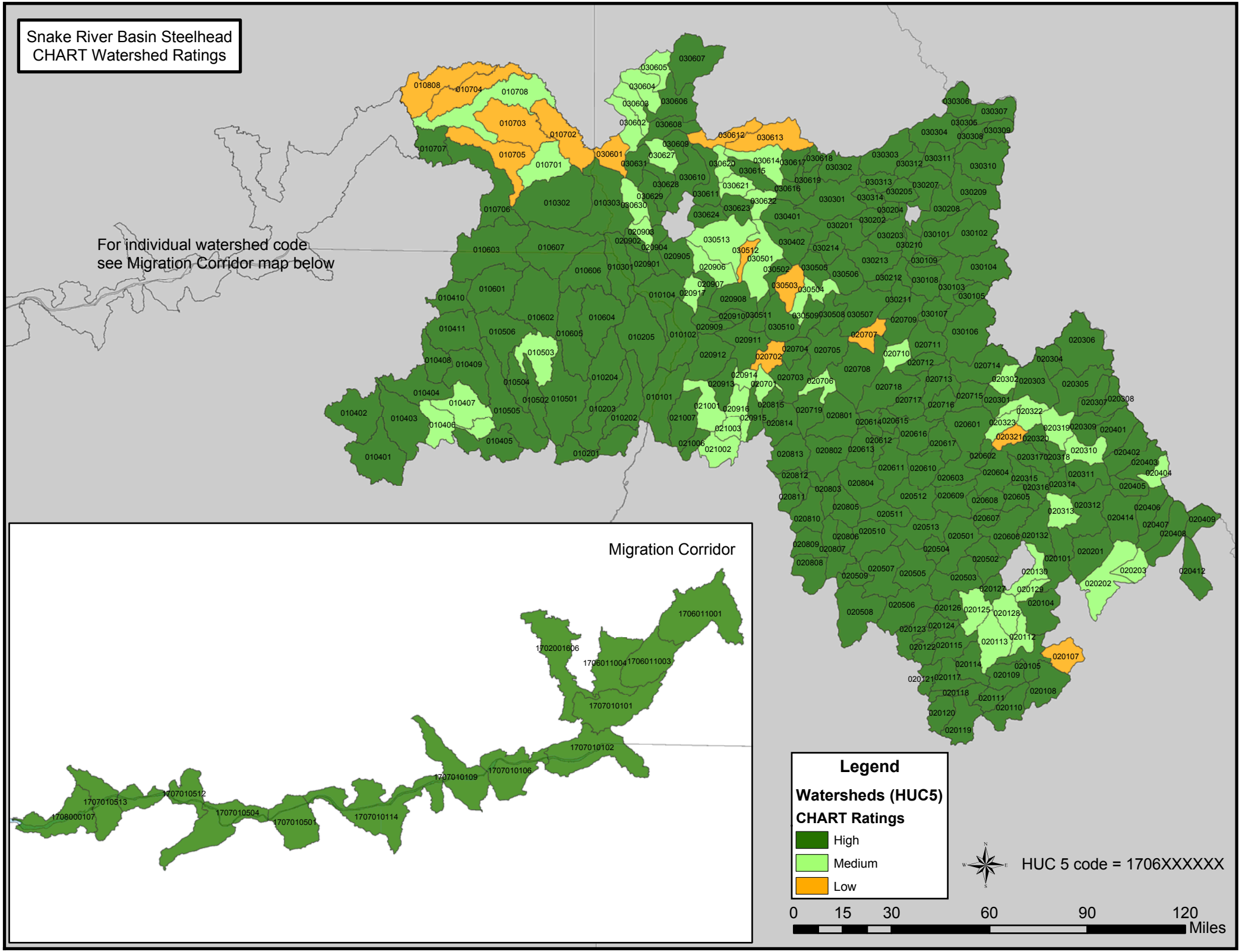
Map Code	Subbasin	Area/ Watershed	Area/ Watershed (HUC5) Code	Scoring System (factors)						Total HUC5 Score (0-18)	Comments/ Other Considerations	CHART Rating of HUC5 Conservation Value
				1	2	3	4	5	6			
	Middle Columbia/ Hood	Upper Middle Columbia/ Hood	1707010501							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Hood	Middle Columbia/ Mill Creek	1707010504							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Hood	Middle Columbia/ Grays Creek	1707010512							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Middle Columbia/ Hood	Middle Columbia/ Eagle Creek	1707010513							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Lower Columbia/ Sandy	Columbia Gorge Tributaries	1708000107							NS	HUC5 not scored since it is part of the migration corridor. The CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High
	Multiple	Lower Columbia Corridor (Sandy/ Washougal to Ocean)	NA							NS	Area not scored since many reaches are outside HUC5 boundaries. However, the CHART concluded that rearing and migration PCEs throughout this corridor are highly essential to ESU conservation.	High

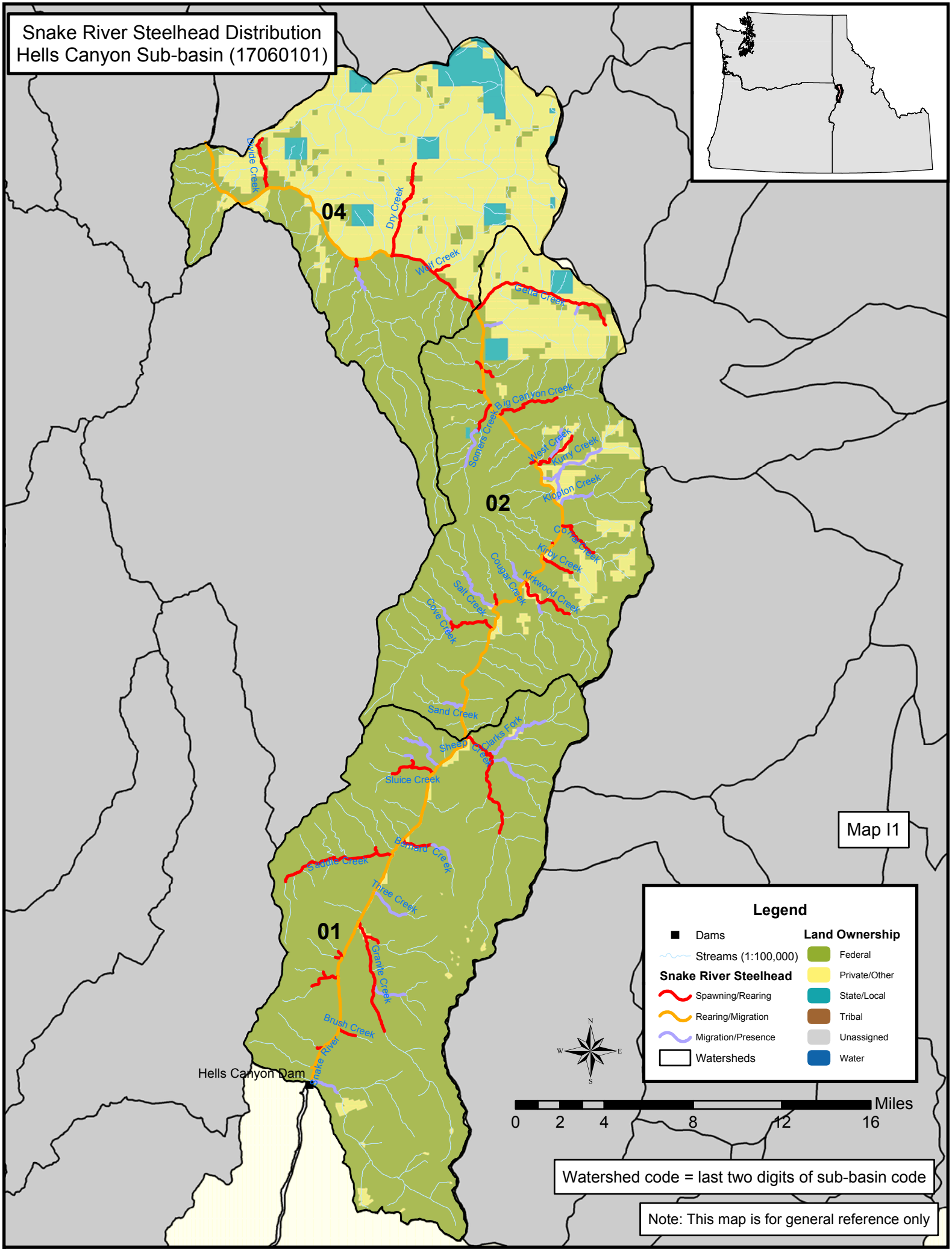
* The CHART was uncertain about the abundance of steelhead within this HUC5. The total score for the HUC5 was based on an expansion of factors 1-4 & 6 due to considerable uncertainty about factor 5.

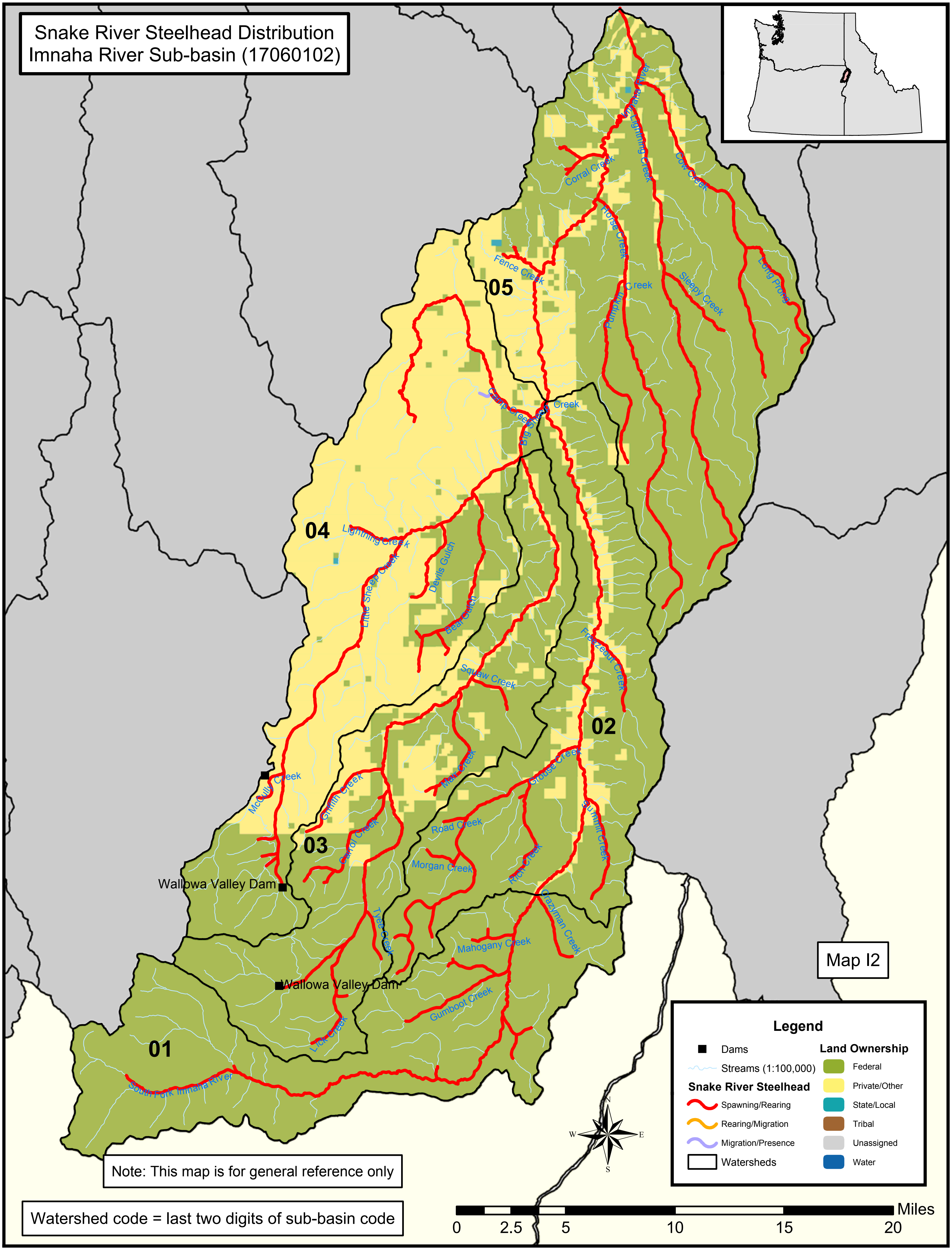
** Indicates that HUC5 contains blocked/inaccessible areas that the CHART concluded may be essential for ESU conservation. See Unit Description text for specific areas considered.

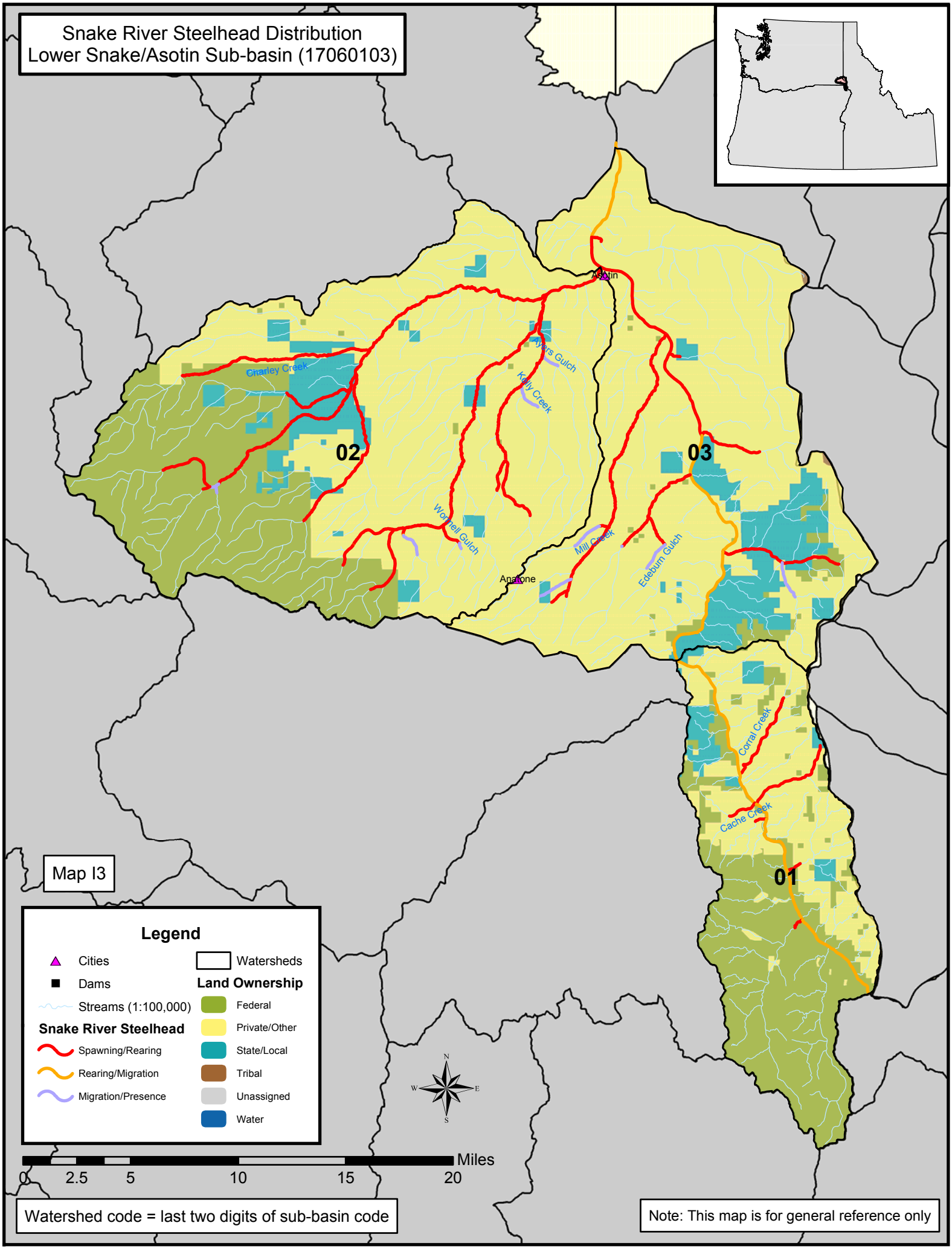
*** Scored by CHART although HUC5 is currently blocked to steelhead.

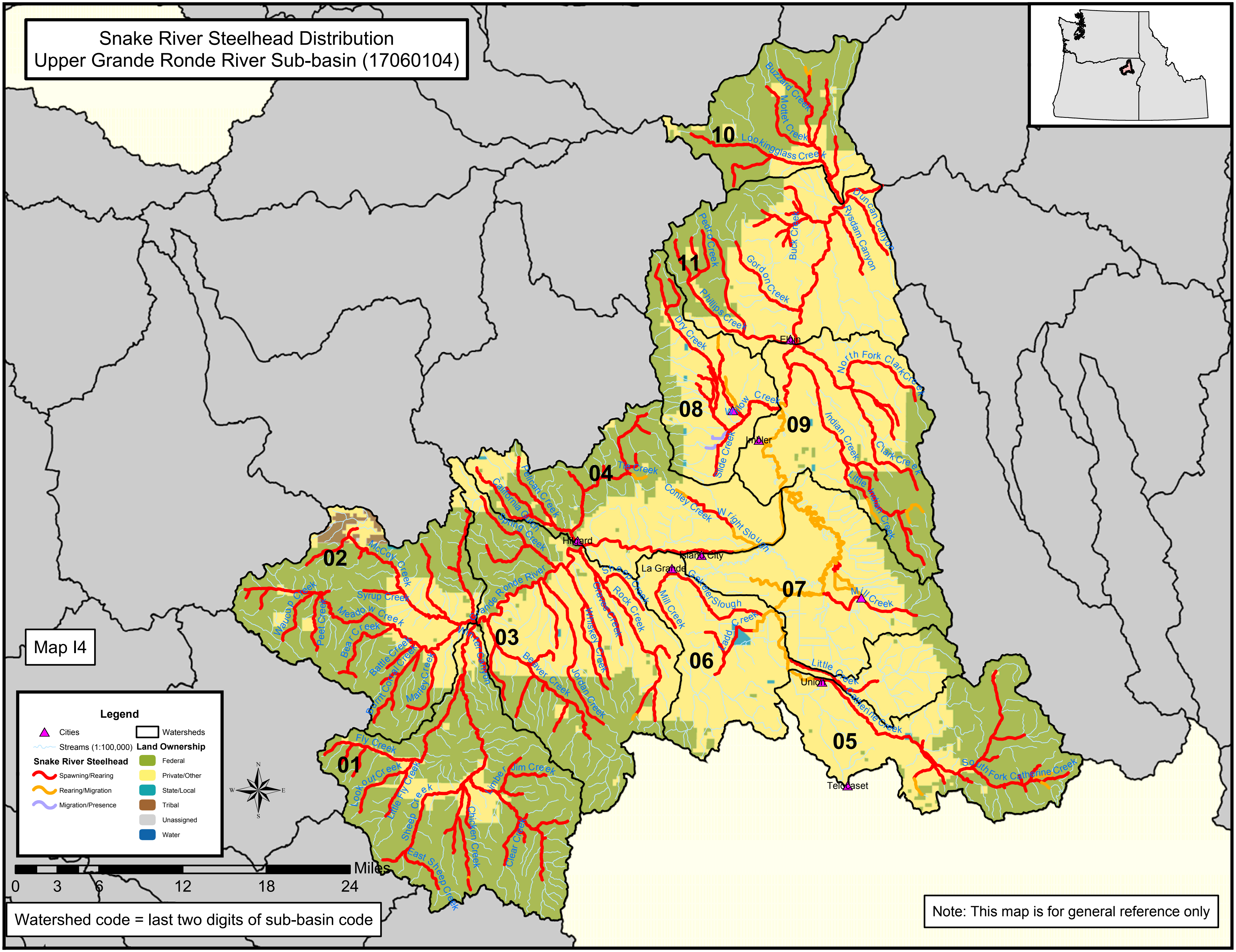
Figure I1-3. CHART Ratings of Conservation Value for Habitat Areas in HUC5 Watersheds Occupied by the Snake River Basin Steelhead ESU

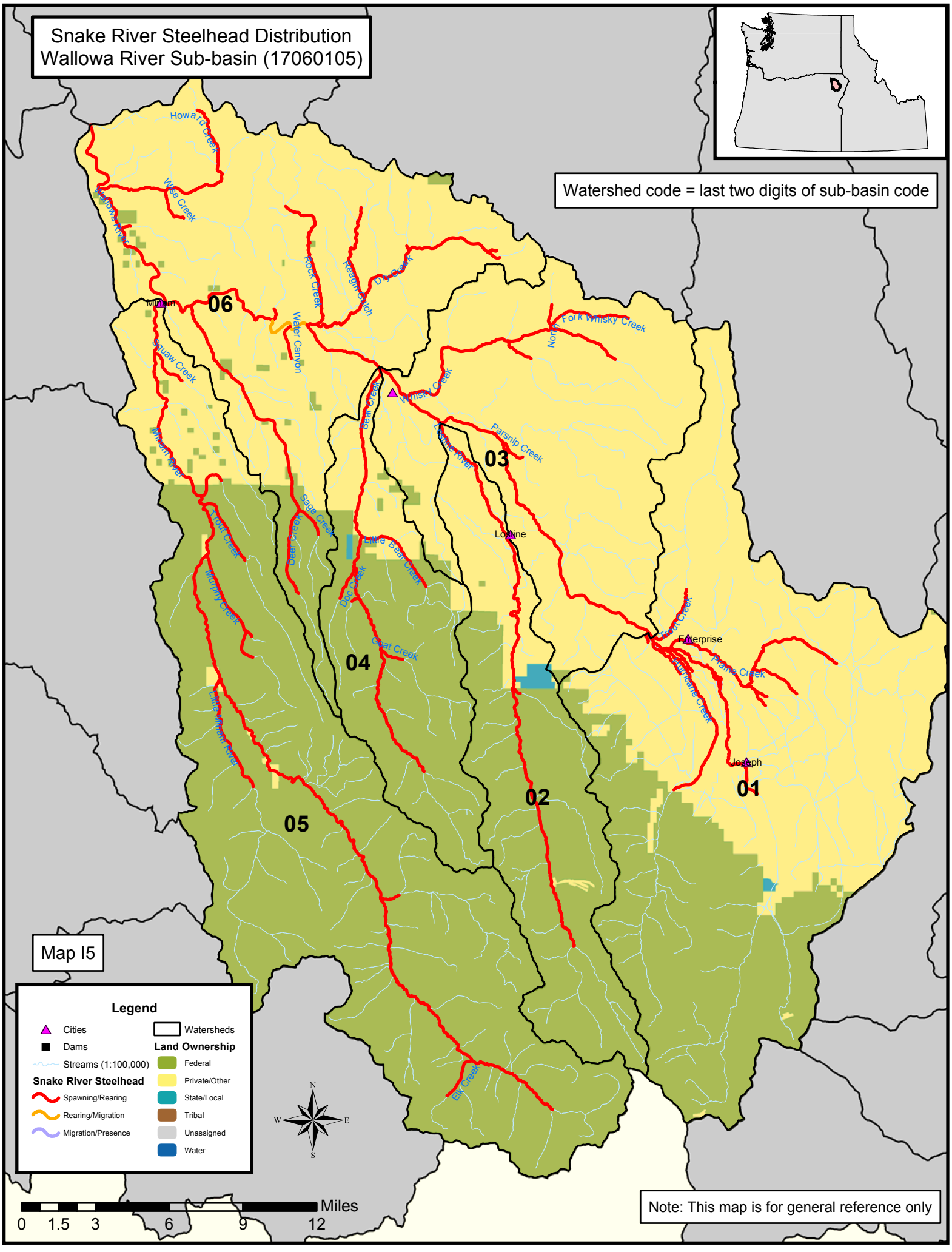

Snake River Basin Steelhead
CHART Watershed Ratings
For individual watershed code
see Migration Corridor map below
Migration Corridor
1706011001
1702001606
1706011004
1706011003
1707010101
1707010102
1707010106
1707010109
1707010114
1707010501
1707010504
1707010512
1707010513
1708000107
Legend
Watersheds (HUC5)
CHART Ratings
High
Medium
Low
HUC 5 code = 1706XXXXXX
0
15
30
60
90
120
Miles

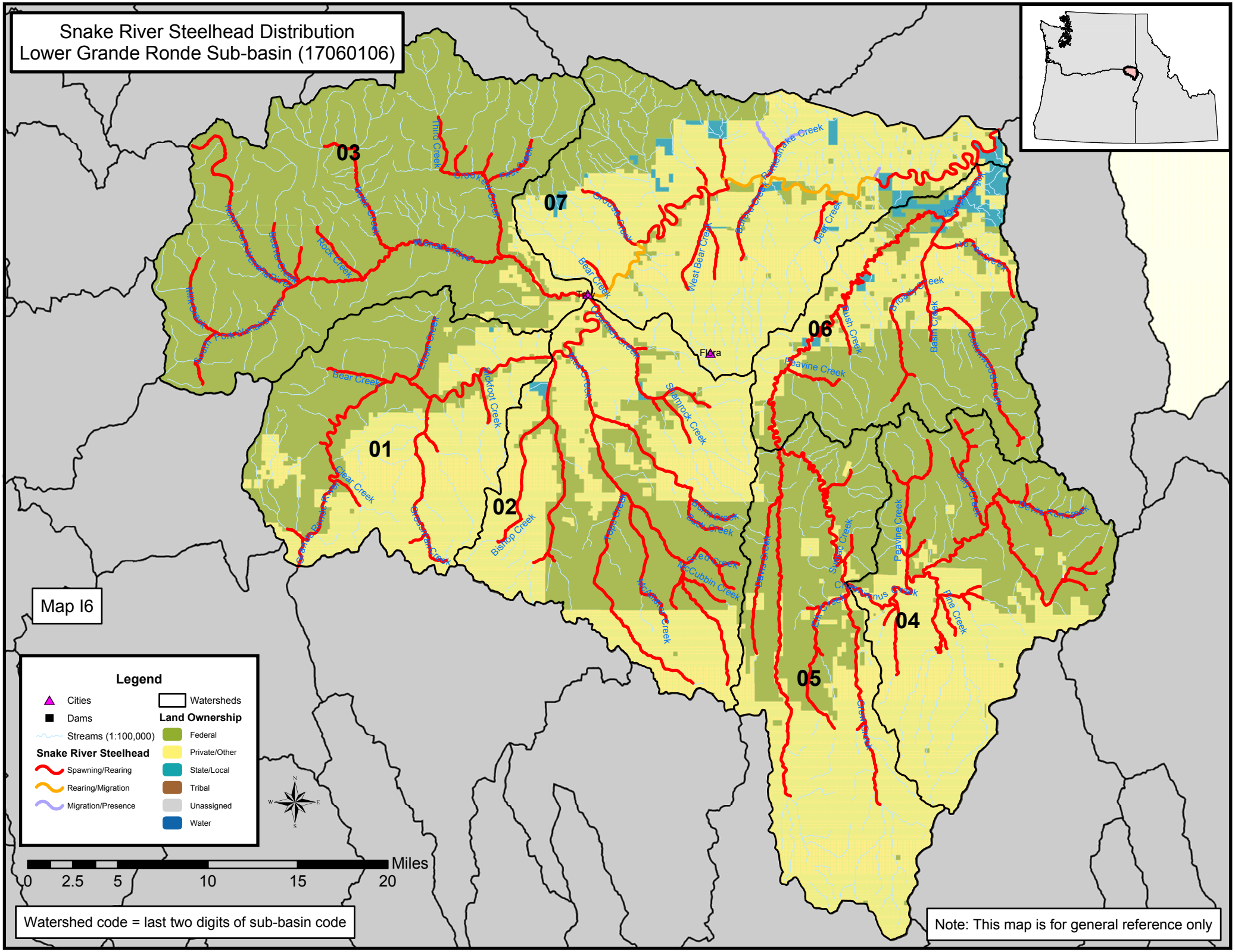

Snake River Steelhead Distribution
Hells Canyon Sub-basin (17060101)
04
02
01
Divide Creek
Dry Creek
Wolf Creek
Getta Creek
Big Canyon Creek
Somers Creek
West Creek
Kurry Creek
Klopton Creek
Corral Creek
Kirby Creek
Cougar Creek
Kirkwood Creek
Salt Creek
Cove Creek
Sand Creek
Sheep Creek
Clarks Fork
Sluice Creek
Bernard Creek
Saddle Creek
Three Creek
Granite Creek
Brush Creek
Snake River
Hells Canyon Dam
Map I1
Legend
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
2
4
8
12
16
Miles
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

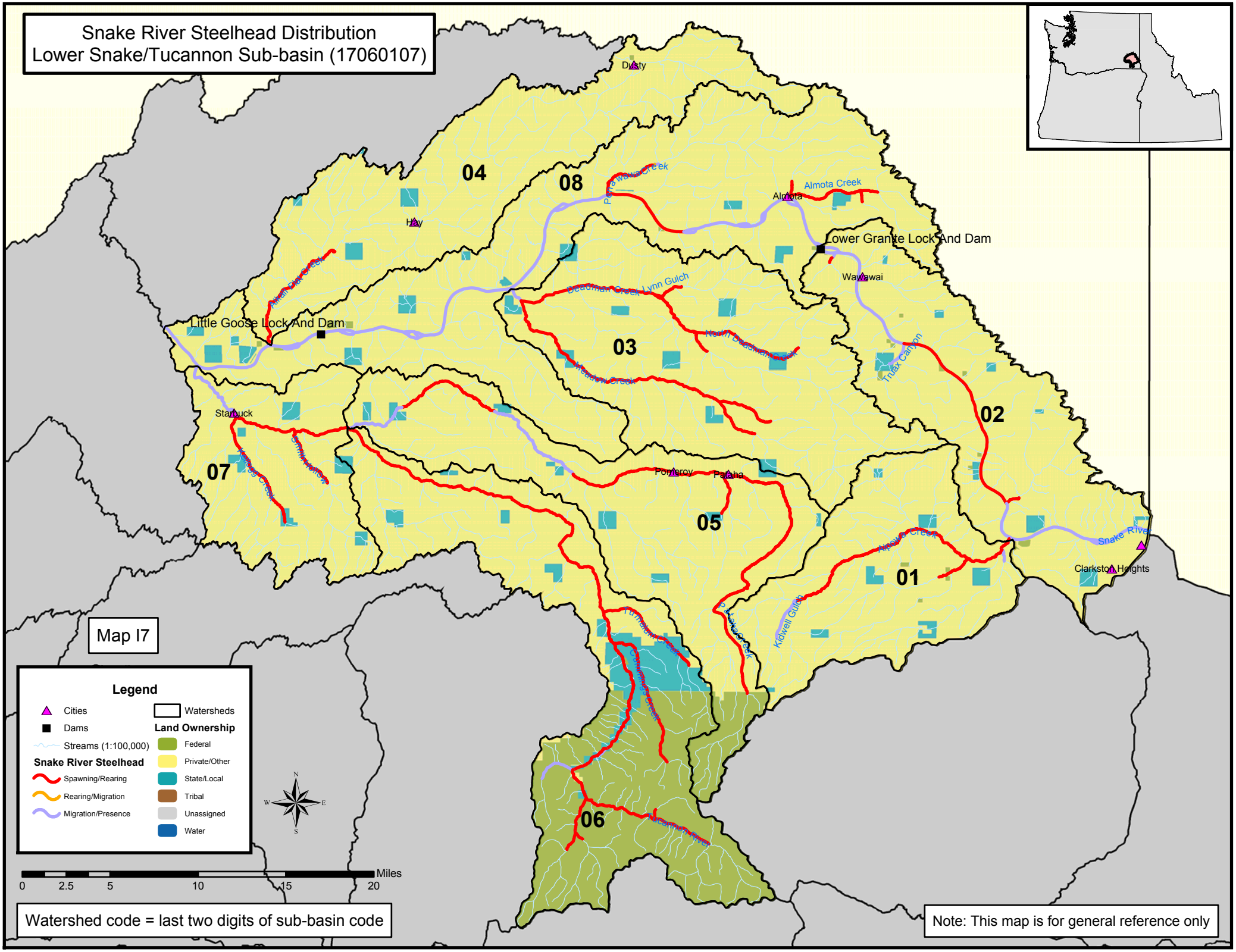

Snake River Steelhead Distribution
Imnaha River Sub-basin (17060102)
Map I2
Legend
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
Note: This map is for general reference only
Watershed code = last two digits of sub-basin code
0 2.5 5 10 15 20
Miles
01
02
03
04
05
Wallowa Valley Dam
Wallowa Valley Dam
South Fork Imnaha River
Lick Creek
Gumboot Creek
Mahogany Creek
Crazyman Creek
Tyee Creek
Morgan Creek
Rich Creek
Road Creek
Grouse Creek
Summit Creek
Carrol Creek
Griffith Creek
McCully Creek
Mail Creek
Squaw Creek
Freezeout Creek
Bear Gulch
Devils Gulch
Little Sheep Creek
Lightning Creek
Camp Creek
Big Sheep Creek
Fence Creek
Pumpkin Creek
Horse Creek
Corral Creek
Lightning Creek
Cow Creek
Sleepy Creek
Long Prong
Imnaha River

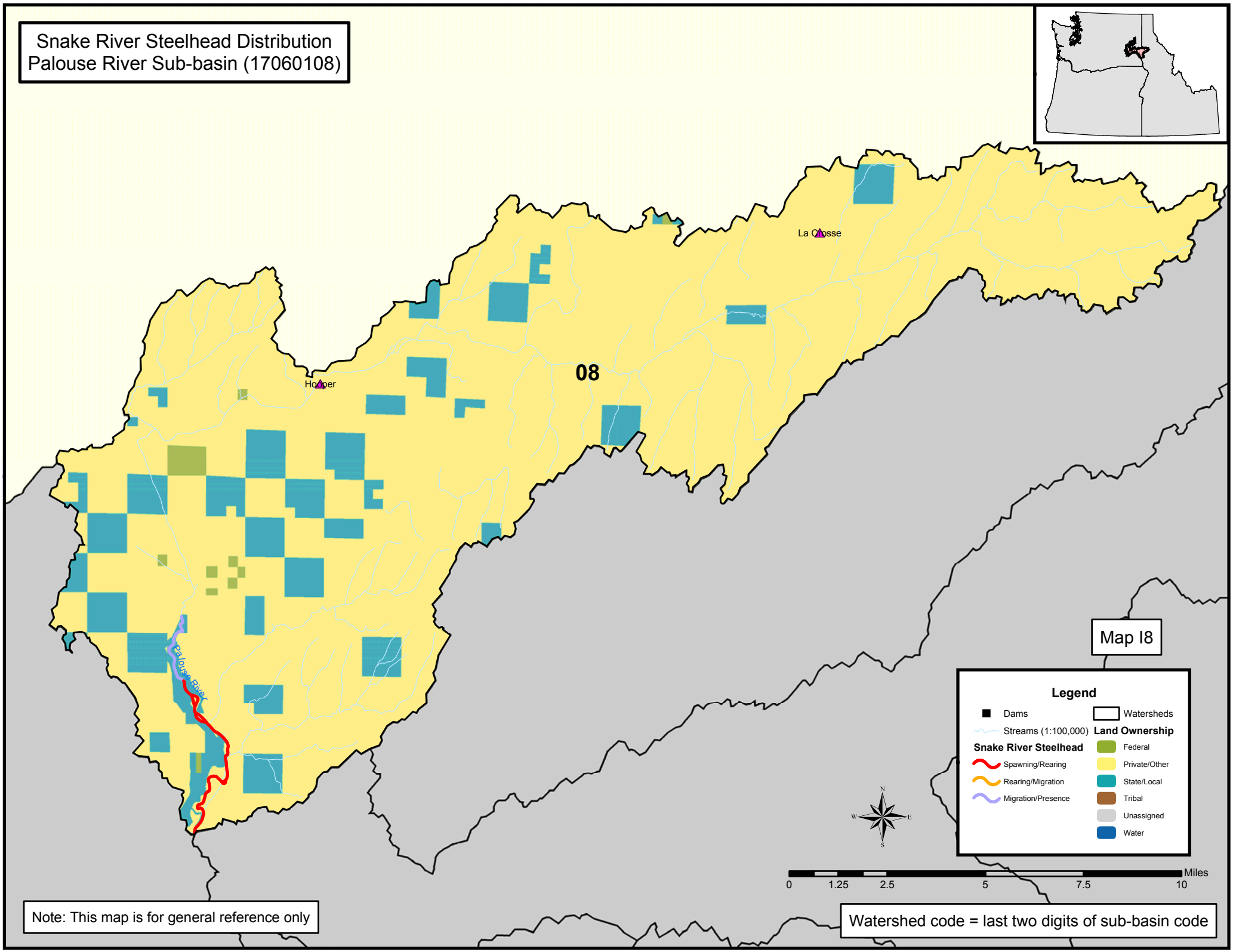

Snake River Steelhead Distribution
Lower Snake/Asotin Sub-basin (17060103)
Asotin
Anatone
Charley Creek
Ayers Gulch
Kelly Creek
Wormell Gulch
Mill Creek
Edeburn Gulch
Corral Creek
Cache Creek
02
03
01
Map I3
Legend
Cities
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
2.5
5
10
15
20
Miles
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

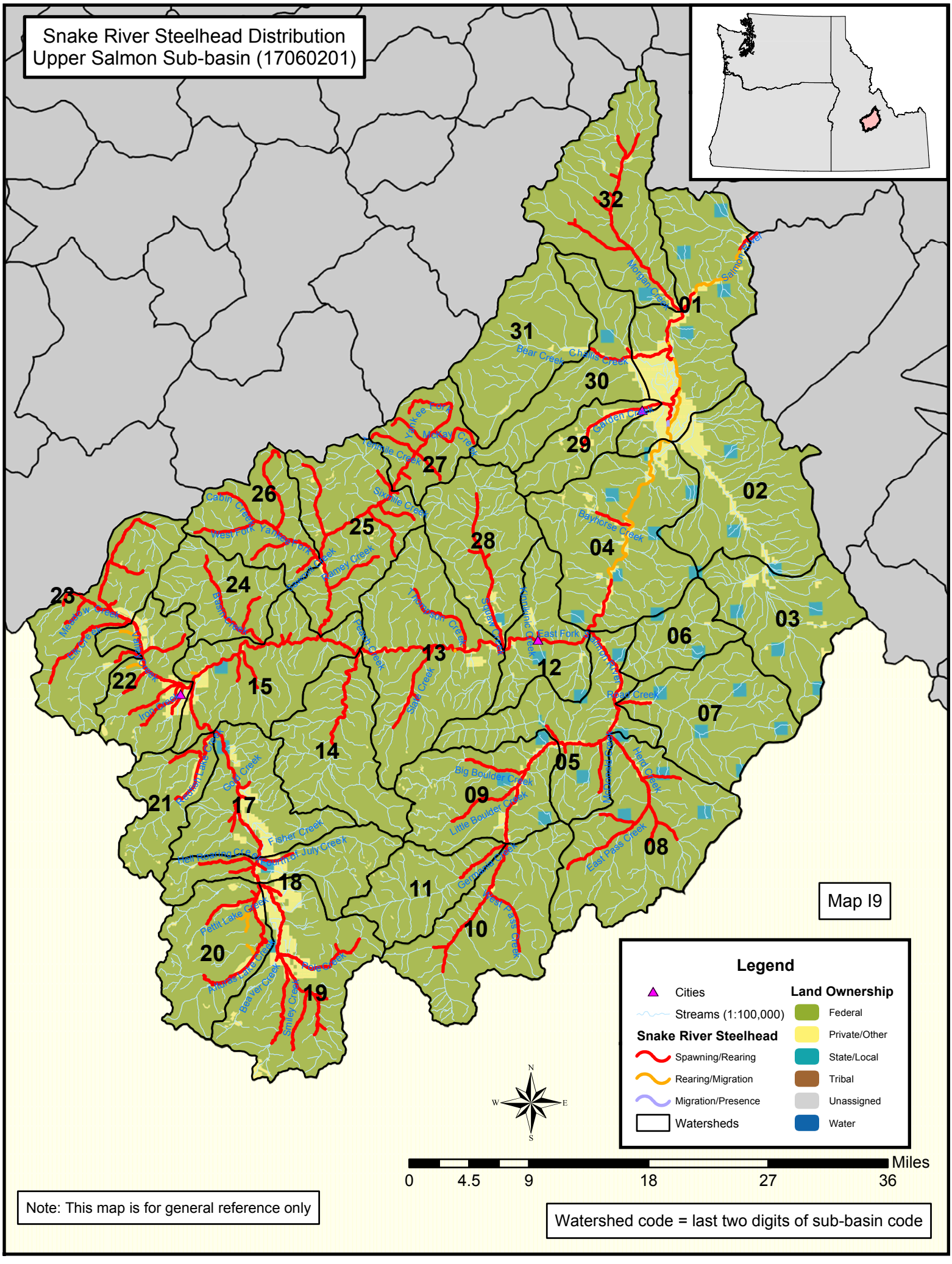

Snake River Steelhead Distribution
Upper Grande Ronde River Sub-basin (17060104)
Map I4
Legend
Cities
Watersheds
Streams (1:100,000)
Land Ownership
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
Miles
0
3
6
12
18
24
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only
01
02
03
04
05
06
07
08
09
10
11
Elgin
Imbler
Hilgard
Island City
La Grande
Union
Telocaset
Lookingglass Creek
Buzzard Creek
Mottet Creek
Duncan Canyon
Rysdam Canyon
Buck Creek
Pedro Creek
Gordon Creek
Phillips Creek
Dry Creek
Willow Creek
Slide Creek
North Fork Clark Creek
Indian Creek
Clark Creek
Little Indian Creek
Tie Creek
Conley Creek
Wright Slough
Pelican Creek
California Gulch
Spring Creek
Sheep Creek
Grande Ronde River
Rock Creek
Mill Creek
Gekeler Slough
Ladd Creek
Mill Creek
Little Creek
Catherine Creek
South Fork Catherine Creek
McCoy Creek
Syrup Creek
Meadow Creek
Waucup Creek
Peet Creek
Bear Creek
Battle Creek
Burnt Corral Creek
Marley Creek
Whiskey Creek
Beaver Creek
Jordan Creek
Fly Creek
Lookout Creek
Little Fly Creek
Sheep Creek
East Sheep Creek
Chicken Creek
Clear Creek
Jim Creek

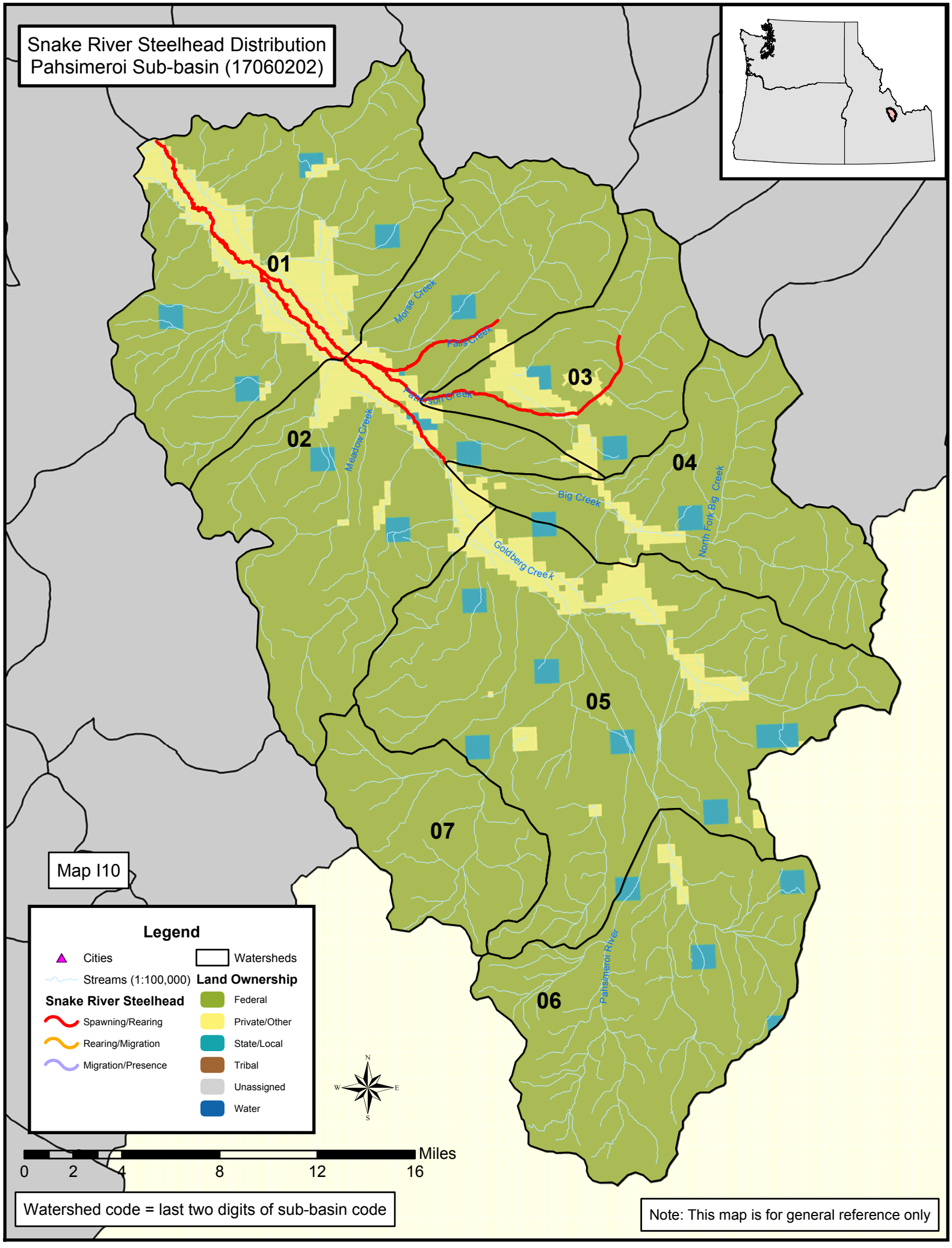

Snake River Steelhead Distribution
Wallowa River Sub-basin (17060105)
Watershed code = last two digits of sub-basin code
Howard Creek
Wilson Creek
Wallowa River
Rock Creek
Reagan Gulch
Dry Creek
Milton
06
Water Canyon
Squaw Creek
North Fork Whisky Creek
Whisky Creek
Bear Creek
Lostine River
Parsnip Creek
03
Minam River
Sage Creek
Trout Creek
Deer Creek
Little Bear Creek
Lostine
Dog Creek
Murphy Creek
Goat Creek
04
Hurricane Creek
Enterprise
Prairie Creek
Little Minam River
Joseph
01
02
05
Elk Creek
Map I5
Legend
Cities
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0 1.5 3 6 9 12
Miles
Note: This map is for general reference only

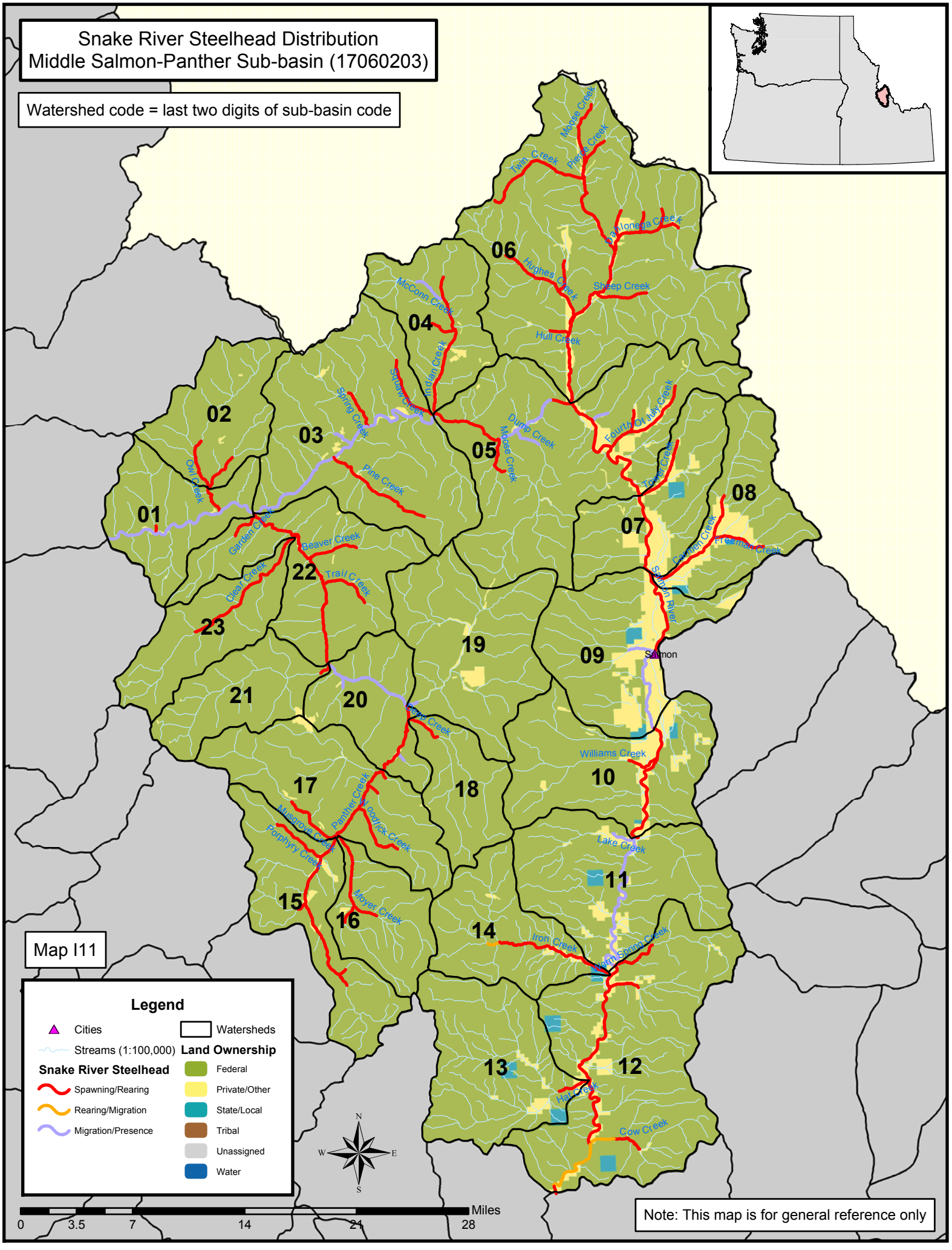

Snake River Steelhead Distribution
Lower Grande Ronde Sub-basin (17060106)
03
07
06
01
02
04
05
Flora
Map I6
Legend
Cities
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
Miles
0
2.5
5
10
15
20
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

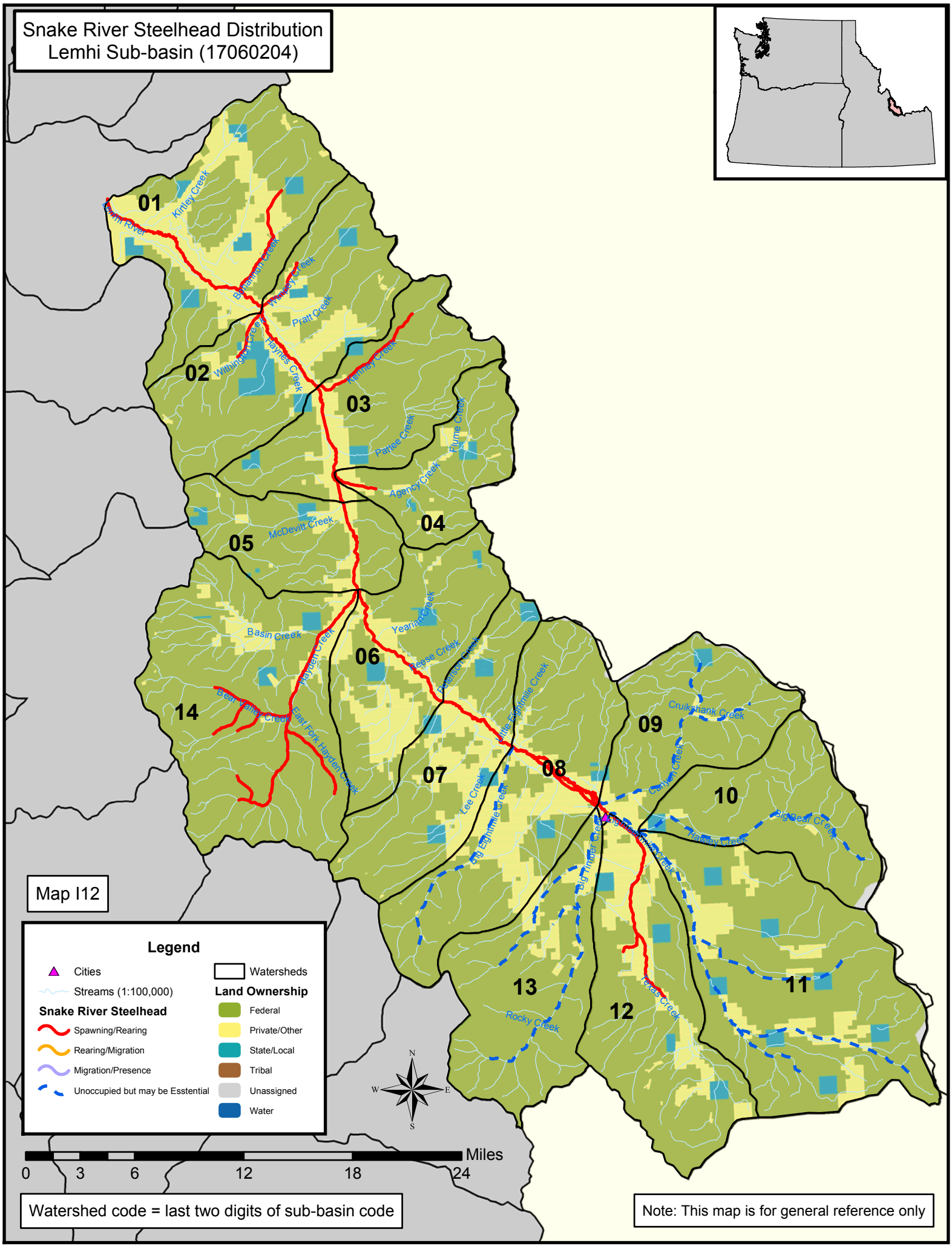

Snake River Steelhead Distribution
Lower Snake/Tucannon Sub-basin (17060107)
Dusty
Hay
Almota
Almota Creek
Lower Granite Lock And Dam
Wawawai
Little Goose Lock And Dam
Starbuck
Pomeroy
Pataha
Clarkston Heights
Snake River
04
08
03
02
07
05
01
06
Map I7
Legend
Cities
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
2.5
5
10
15
20
Miles
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only


Snake River Steelhead Distribution
Palouse River Sub-basin (17060108)
La Crosse
Hooper
08
Palouse River
Map I8
Legend
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
1.25
2.5
5
7.5
10
Miles
Note: This map is for general reference only
Watershed code = last two digits of sub-basin code

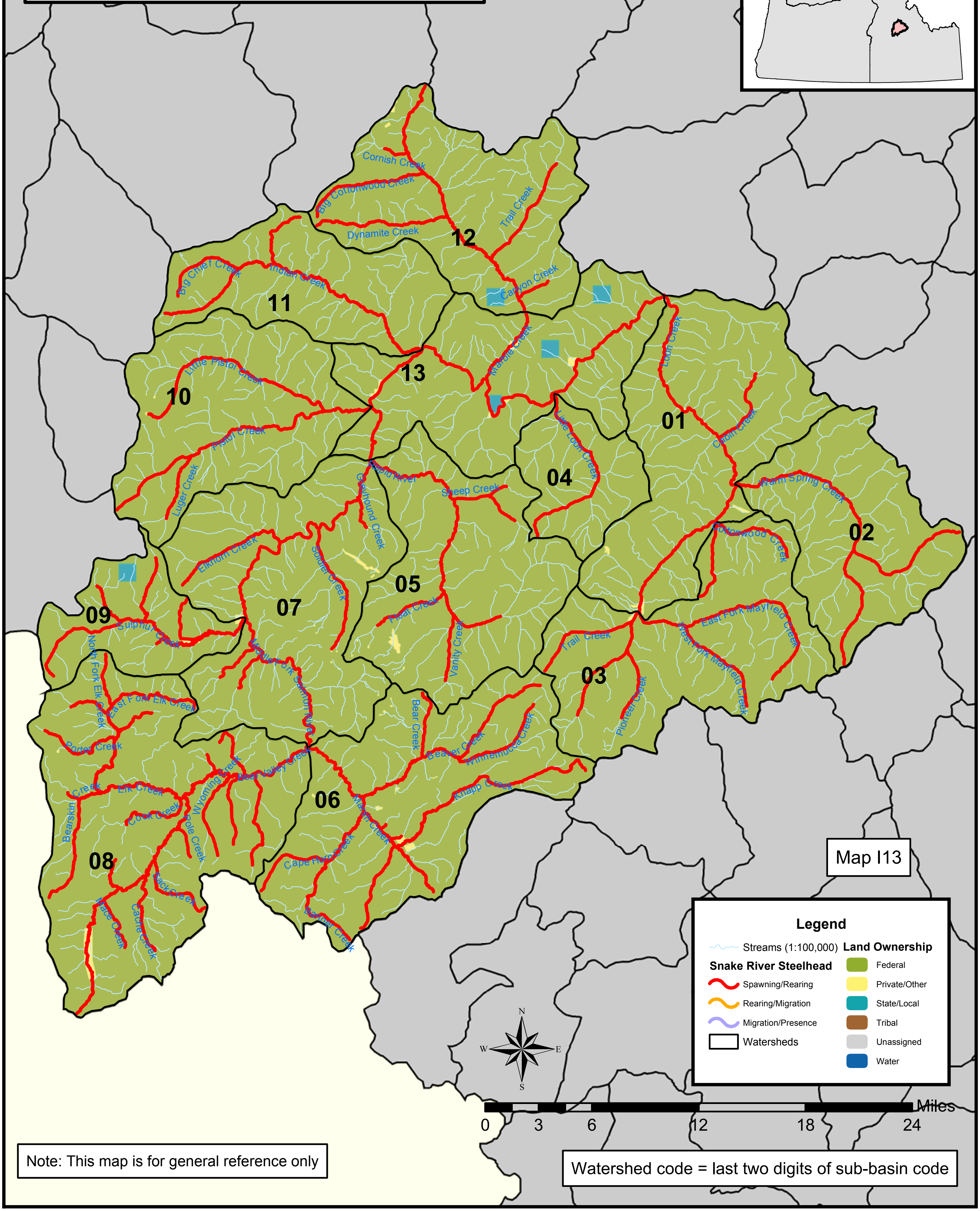

Snake River Steelhead Distribution
Upper Salmon Sub-basin (17060201)
32
01
31
30
29
02
27
26
25
28
04
24
23
03
06
22
15
13
12
07
14
05
21
17
09
08
18
11
10
20
19
Map I9
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
4.5
9
18
27
36
Miles
Note: This map is for general reference only
Watershed code = last two digits of sub-basin code

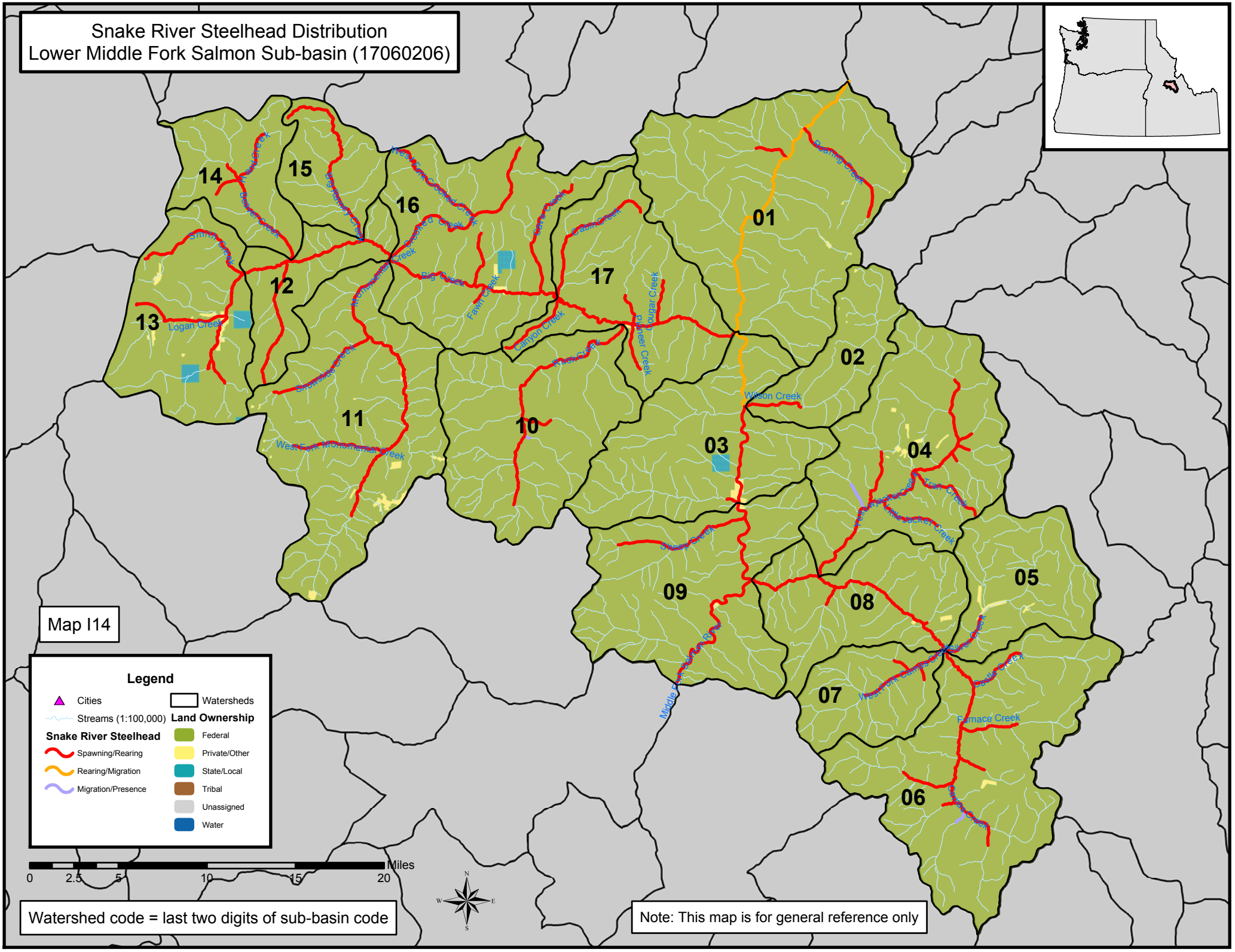

Snake River Steelhead Distribution
Pahsimeroi Sub-basin (17060202)
01
02
03
04
05
06
07
Morse Creek
Falls Creek
Patterson Creek
Meadow Creek
Big Creek
Goldberg Creek
North Fork Big Creek
Pahsimeroi River
Map I10
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
2
4
8
12
16
Miles
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

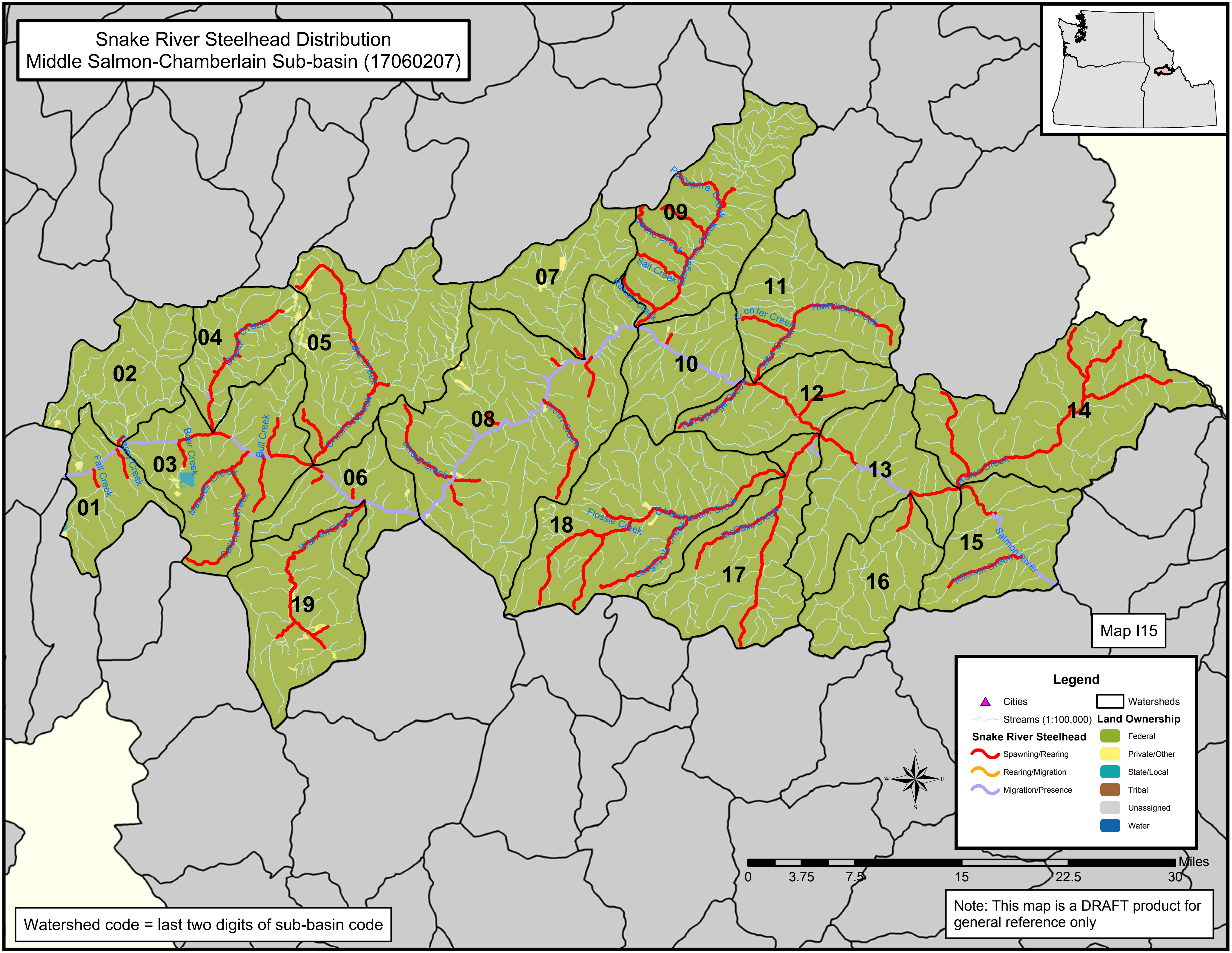

Snake River Steelhead Distribution
Middle Salmon-Panther Sub-basin (17060203)
Watershed code = last two digits of sub-basin code
Map I11
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
Miles
0
3.5
7
14
21
28
N
S
E
W
Note: This map is for general reference only
01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
Salmon
Moose Creek
Twin Creek
Pierce Creek
Big Moonega Creek
Hughes Creek
Sheep Creek
McConn Creek
Hull Creek
Lindsley Creek
Squaw Creek
Spring Creek
Dump Creek
Moose Creek
Fourth Of July Creek
Tower Creek
Owl Creek
Pine Creek
Garden Creek
Beaver Creek
Clear Creek
Trail Creek
Crooked River
Carmen Creek
Freeman Creek
Williams Creek
Lake Creek
Iron Creek
Warm Spring Creek
Hat Creek
Cow Creek
Panther Creek
Goodrick Creek
Musgrove Creek
Porphyry Creek
Moyer Creek

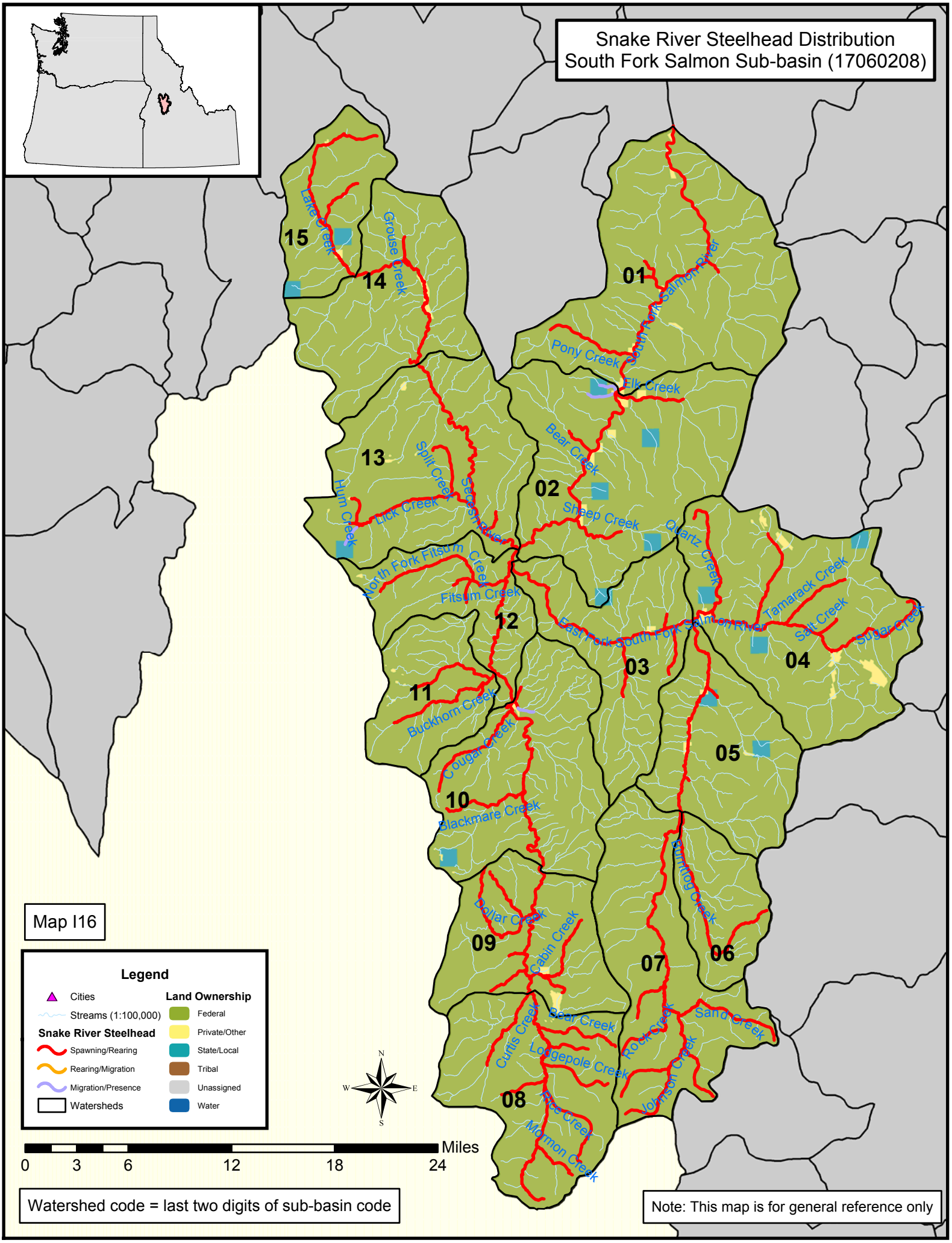

Snake River Steelhead Distribution
Lemhi Sub-basin (17060204)
01
02
03
04
05
06
07
08
09
10
11
12
13
14
Kirtley Creek
Bohannon Creek
Pratt Creek
Jaynes Creek
Kenney Creek
Parlee Creek
Flume Creek
Agency Creek
McDevitt Creek
Basin Creek
Hayden Creek
Yearian Creek
Reese Creek
Peterson Creek
Little Eightmile Creek
Lee Creek
Big Eightmile Creek
Big Timber Creek
Cruikshank Creek
Canyon Creek
Hawley Creek
Big Bear Creek
Texas Creek
Rocky Creek
Bear Valley Creek
Easy Fork Hayden Creek
Map I12
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Unoccupied but may be Esstential
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
Miles
0
3
6
12
18
24
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

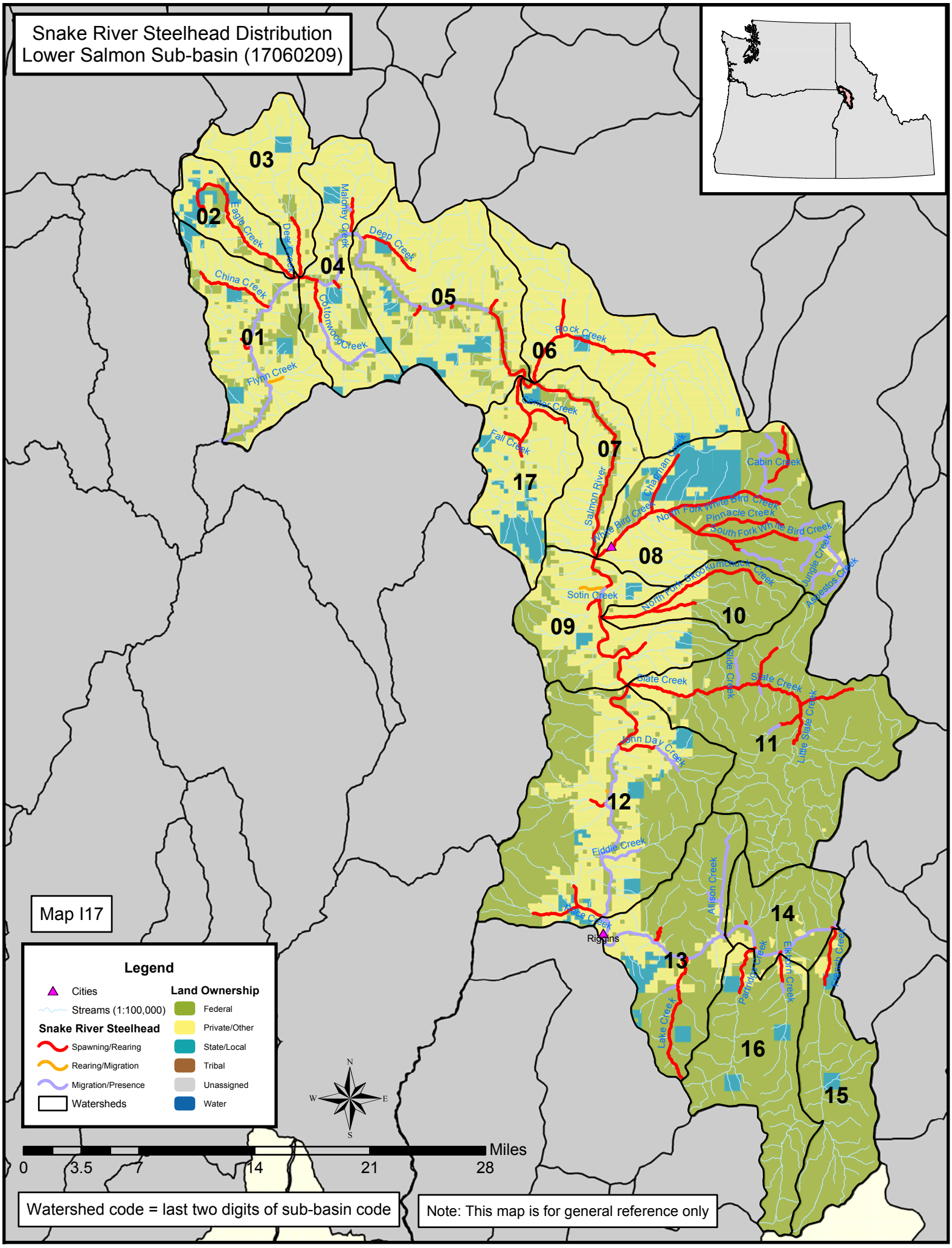
Snake River Steelhead Distribution
Upper Middle Fork Salmon Sub-basin (17060205)

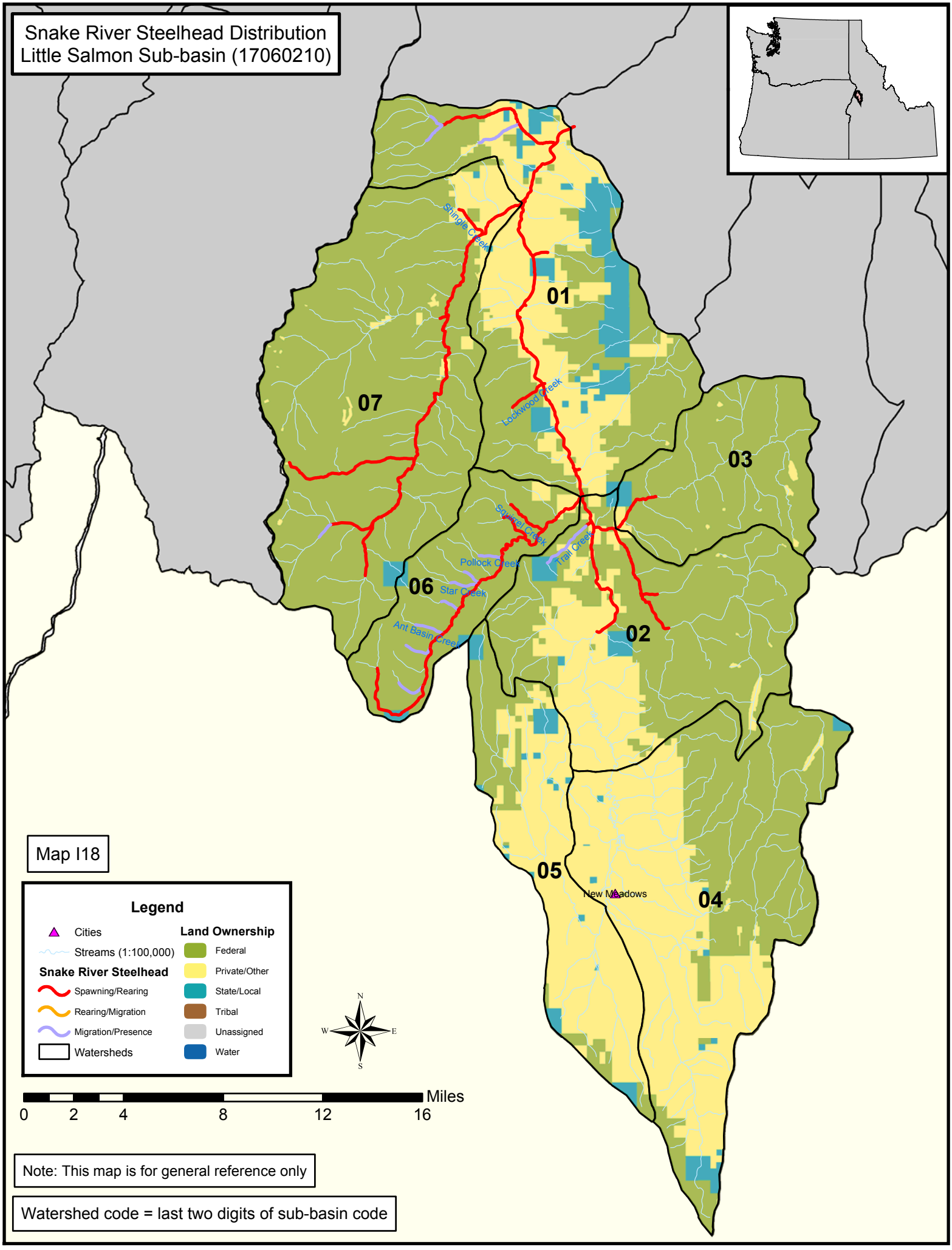


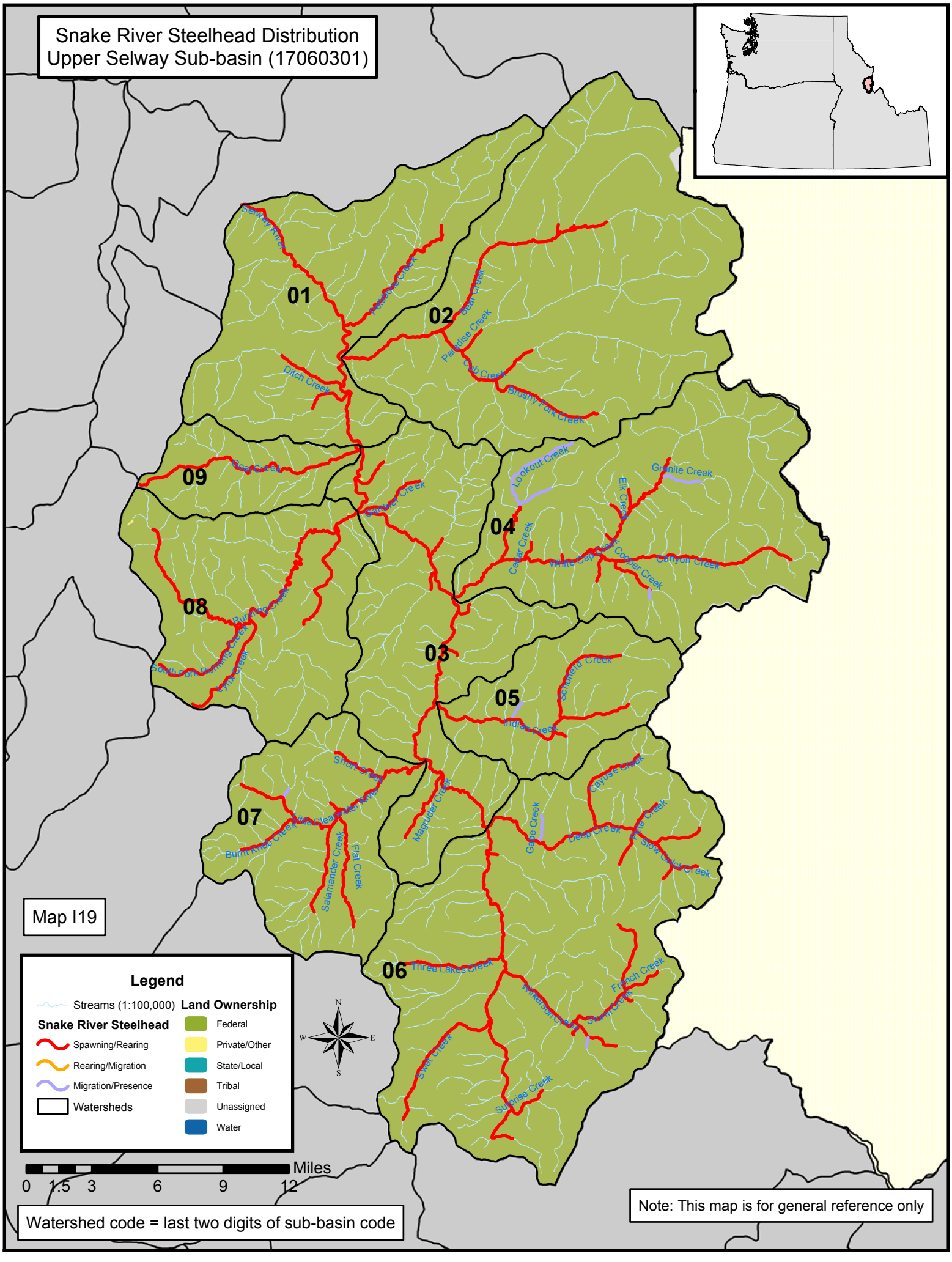

Snake River Steelhead Distribution
Lower Middle Fork Salmon Sub-basin (17060206)
Map I14
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
Miles
0
2.5
5
10
15
20
N
S
W
E
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only
01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
Wilson Creek
Logan Creek
Fawn Creek
Canyon Creek
Furnace Creek

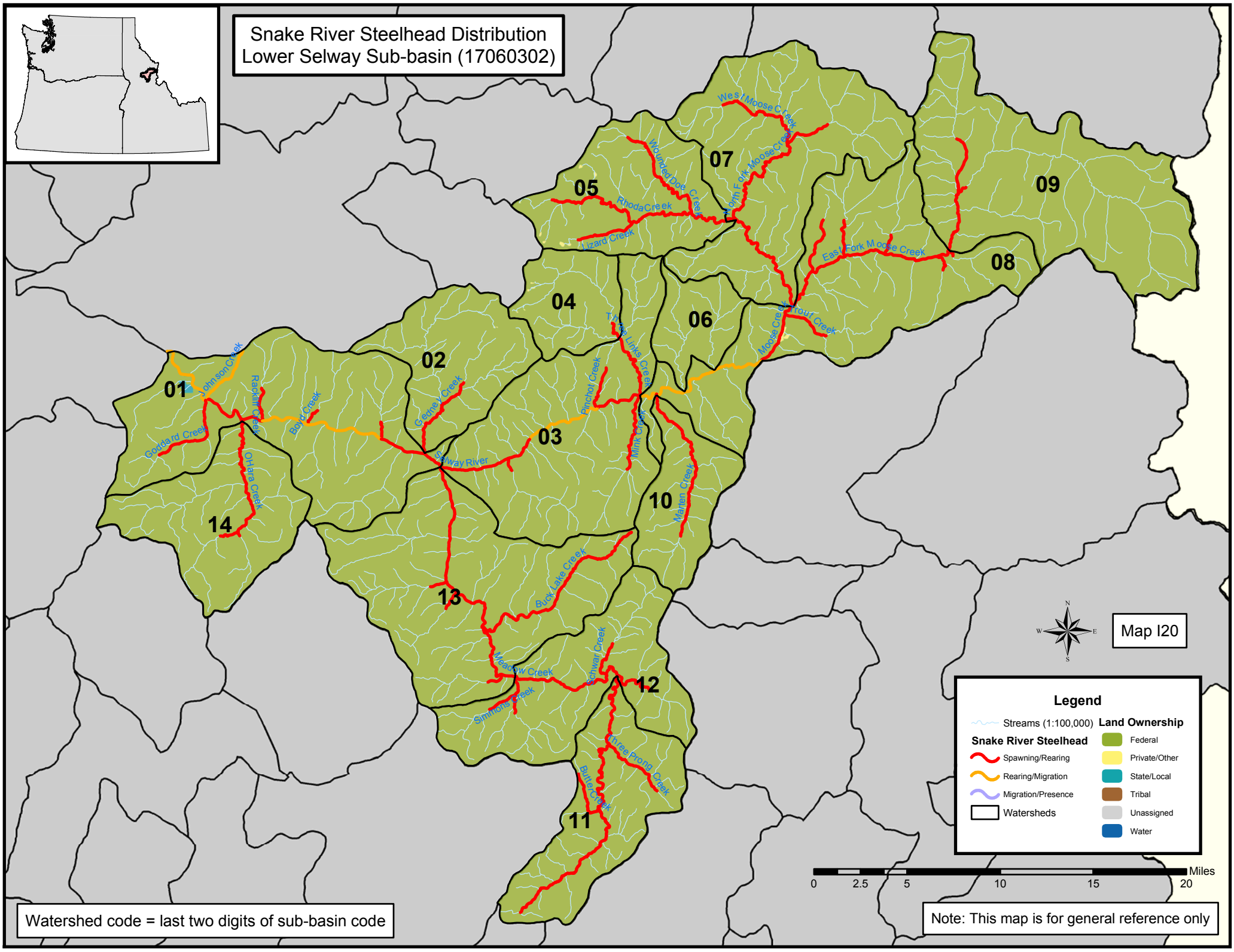

Snake River Steelhead Distribution
Middle Salmon-Chamberlain Sub-basin (17060207)
01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
Fall Creek
Bear Creek
Bull Creek
Flossie Creek
Salt Creek
Salmon River
Kitchen Creek
Map I15
Legend
Cities
Watersheds
Streams (1:100,000)
Land Ownership
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
S
E
W
Miles
0
3.75
7.5
15
22.5
30
Note: This map is a DRAFT product for general reference only
Watershed code = last two digits of sub-basin code

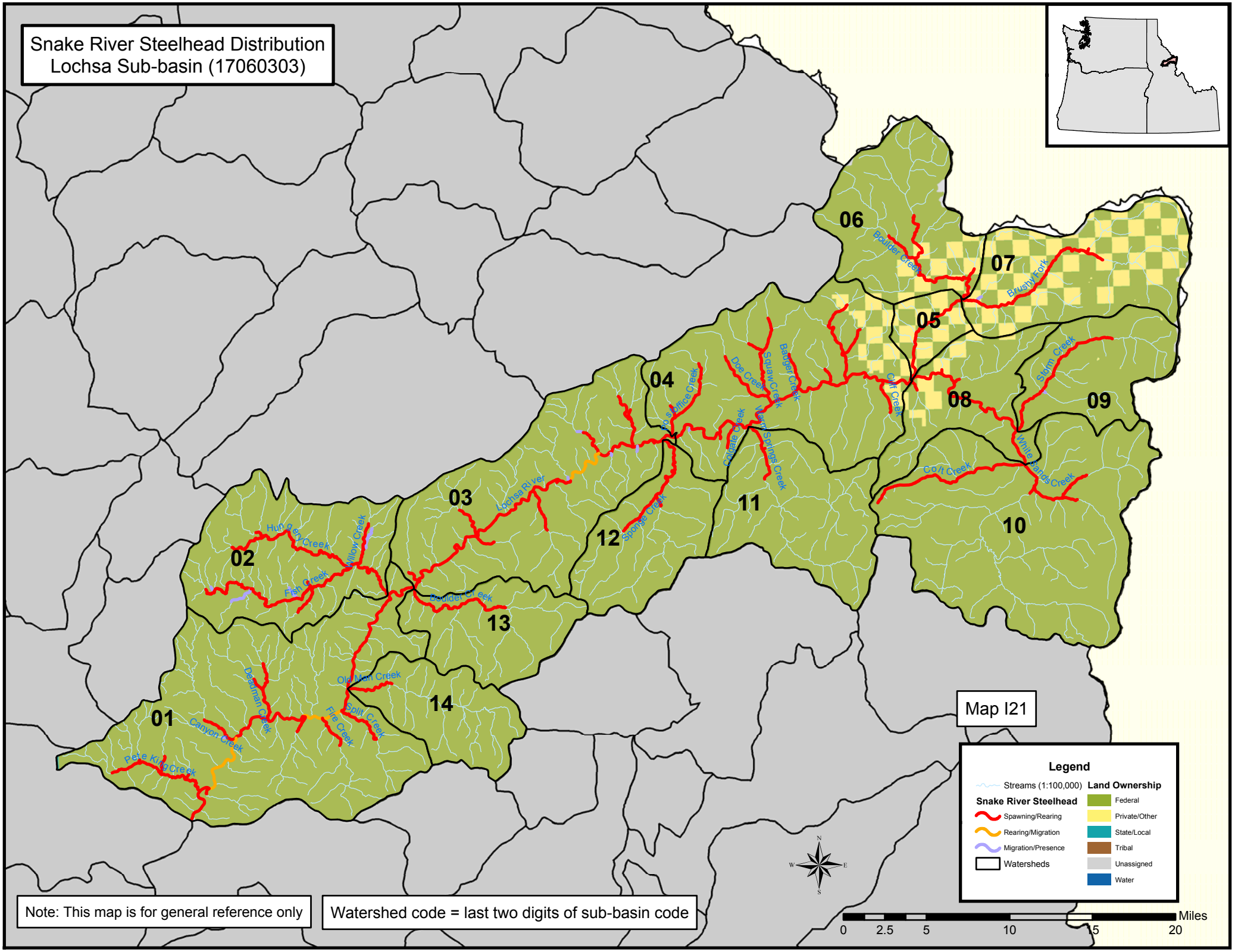

Snake River Steelhead Distribution
South Fork Salmon Sub-basin (17060208)
01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
South Fork Salmon River
Pony Creek
Elk Creek
Bear Creek
Sheep Creek
Quartz Creek
Tamarack Creek
Salt Creek
Sugar Creek
East Fork South Fork Salmon River
Lake Creek
Grouse Creek
Split Creek
Secesh River
Lick Creek
Hum Creek
North Fork Fitsum Creek
Fitsum Creek
Buckhorn Creek
Cougar Creek
Blackmare Creek
Dollar Creek
Cabin Creek
Curtis Creek
Bear Creek
Lodgepole Creek
Rice Creek
Mormon Creek
Rock Creek
Johnson Creek
Sand Creek
Trapper Creek
Map I16
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
Miles
0
3
6
12
18
24
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

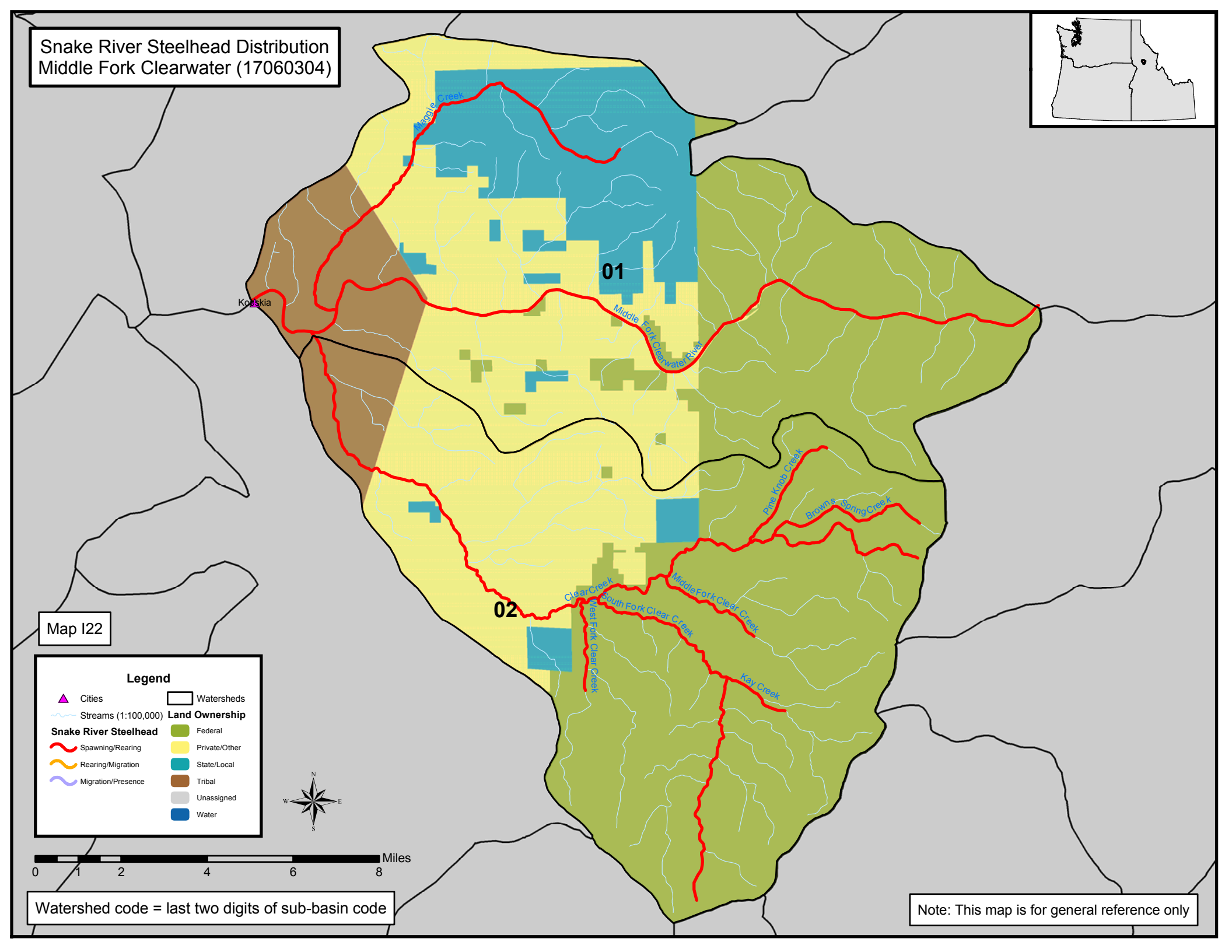

Snake River Steelhead Distribution
Lower Salmon Sub-basin (17060209)
03
02
04
05
01
06
07
17
08
09
10
11
12
13
14
15
16
Eagle Creek
Deer Creek
Malorey Creek
Deep Creek
China Creek
Cottonwood Creek
Flynn Creek
Rock Creek
Fall Creek
Salmon River
White Bird Creek
Chapman Creek
Cabin Creek
North Fork White Bird Creek
Pinnacle Creek
South Fork White Bird Creek
Jungle Creek
Asbestos Creek
North Fork Skookumchuck Creek
Sotin Creek
Slate Creek
Little Slate Creek
John Day Creek
Fiddle Creek
Allison Creek
Lake Creek
Partridge Creek
Elkhorn Creek
Rapid Creek
Riggins
Map I17
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
Miles
0
3.5
7
14
21
28
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

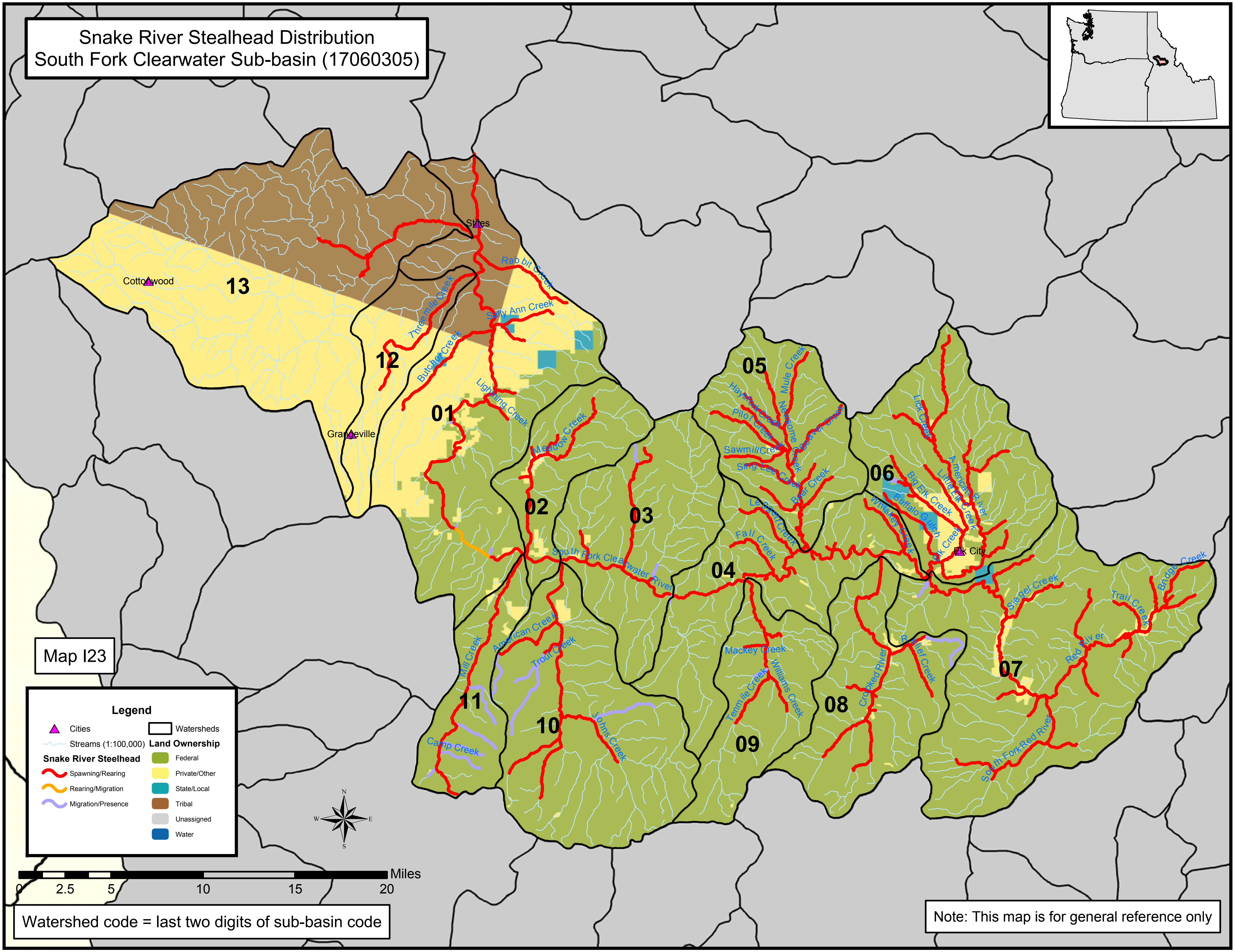

Snake River Steelhead Distribution
Little Salmon Sub-basin (17060210)
Shingle Creek
Lockwood Creek
Squirrel Creek
Trail Creek
Pollock Creek
Star Creek
Ant Basin Creek
01
02
03
04
05
06
07
New Meadows
Map I18
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
Miles
0
2
4
8
12
16
Note: This map is for general reference only
Watershed code = last two digits of sub-basin code

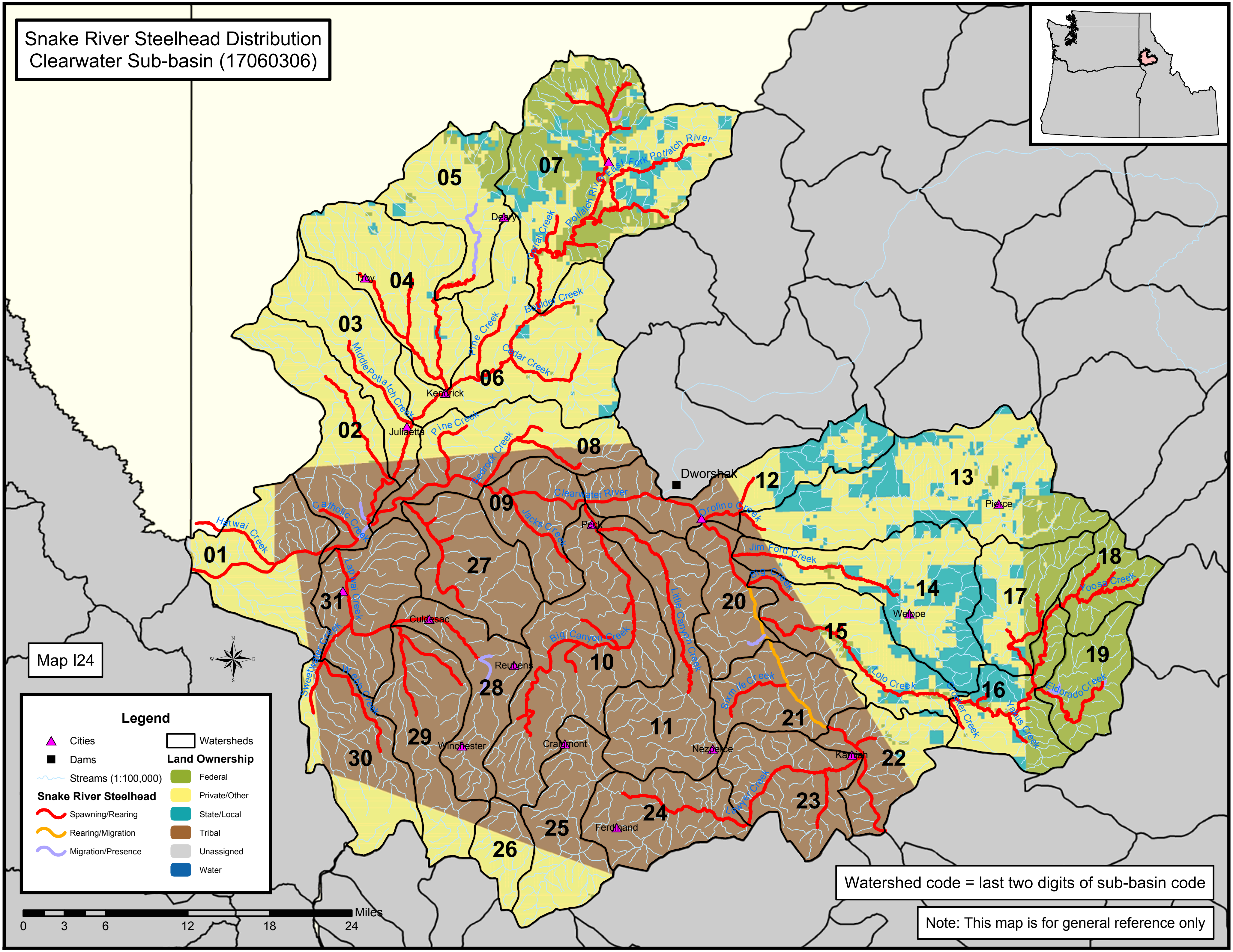

Snake River Steelhead Distribution
Upper Selway Sub-basin (17060301)
01
02
03
04
05
06
07
08
09
Bear Creek
Paradise Creek
Cub Creek
Brushy Fork Creek
Ditch Creek
Goat Creek
Granite Creek
Lookout Creek
Elk Creek
Cedar Creek
White Cap Creek
Copper Creek
Canyon Creek
Running Creek
South Fork Running Creek
Lynx Creek
Schofield Creek
Indian Creek
Short Creek
Magruder Creek
Burnt Knob Creek
Flat Creek
Salamander Creek
Cayuse Creek
Gene Creek
Deep Creek
Slow Creek
Three Lakes Creek
Wilkerson Creek
French Creek
Swet Creek
Sunrise Creek
Map I19
Legend
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
Miles
0 1.5 3 6 9 12
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only

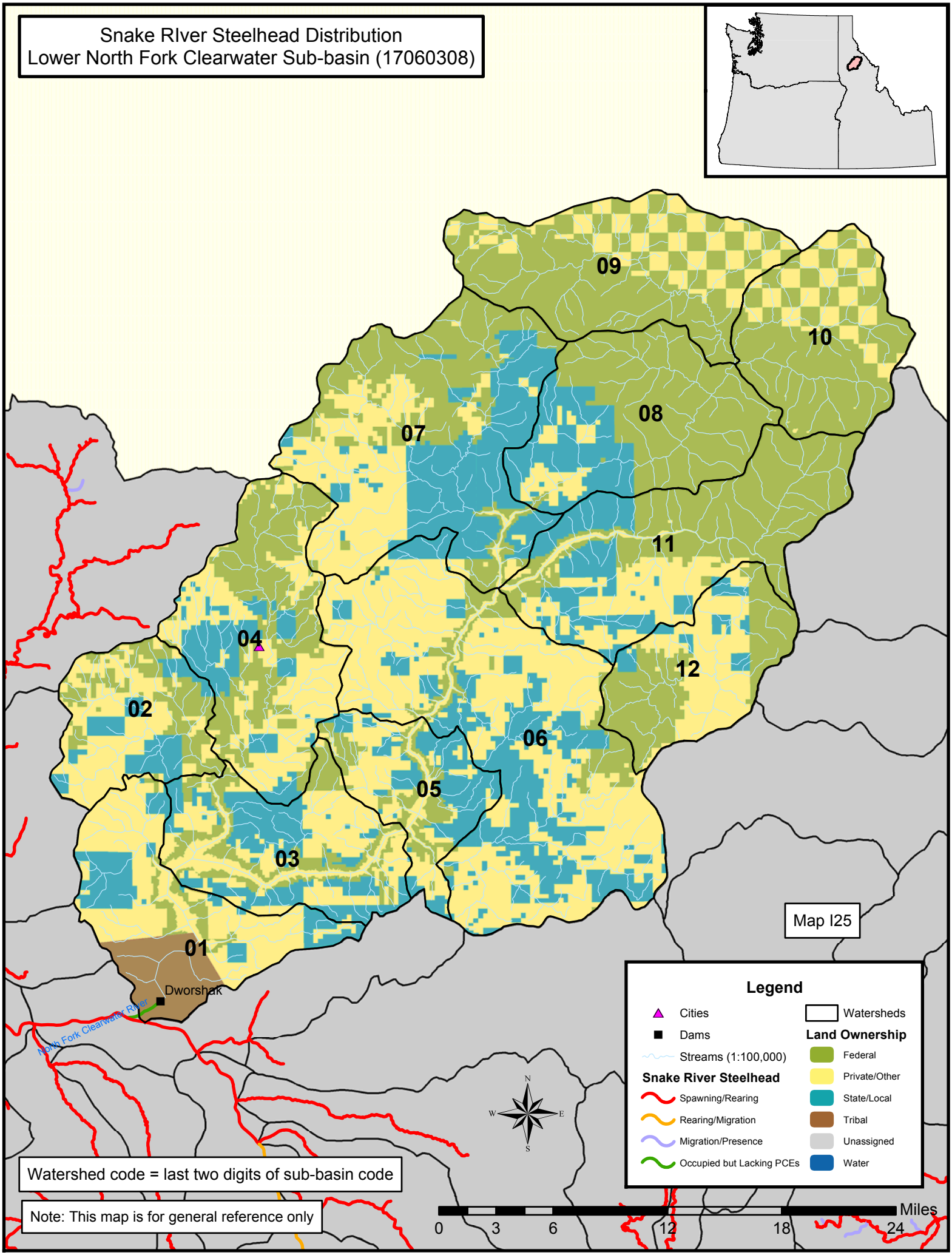

Snake River Steelhead Distribution
Lower Selway Sub-basin (17060302)
01
02
03
04
05
06
07
08
09
10
11
12
13
14
Johnson Creek
Goddard Creek
Rackliff Creek
Bond Creek
OHara Creek
Godnery Creek
Selway River
Pinchot Creek
Three Links Creek
Mink Creek
Marten Creek
Buck Lake Creek
Meadow Creek
Schwarz Creek
Simmons Creek
Three Prong Creek
Butler Creek
Rhoda Creek
Lizard Creek
Wounded Doe Creek
West Moose Creek
North Fork Moose Creek
East Fork Moose Creek
Moose Creek
Trout Creek
Map I20
Legend
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
0
2.5
5
10
15
20
Miles
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only


Snake River Steelhead Distribution
Lochsa Sub-basin (17060303)
01
02
03
04
05
06
07
08
09
10
11
12
13
14
Boulder Creek
Brushy Fork
Storm Creek
Squaw Creek
Badger Creek
Doe Creek
Cliff Creek
Post Office Creek
Colgate Creek
Warm Springs Creek
Coit Creek
White Sands Creek
Lochsa River
Sponge Creek
Boulder Creek
Hungery Creek
Fish Creek
Willow Creek
Old Man Creek
Split Creek
Fire Creek
Deadman Creek
Canyon Creek
Pete King Creek
Map I21
Legend
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
2.5
5
10
15
20
Miles
Note: This map is for general reference only
Watershed code = last two digits of sub-basin code


Snake River Steelhead Distribution
Middle Fork Clearwater (17060304)
Maggie Creek
Kooskia
01
02
Middle Fork Clearwater River
Pine Knob Creek
Brown's Spring Creek
Clear Creek
South Fork Clear Creek
Middle Fork Clear Creek
West Fork Clear Creek
Kay Creek
Map I22
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
0
1
2
4
6
8
Miles
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only


Snake River Stealhead Distribution
South Fork Clearwater Sub-basin (17060305)
Map I23
Stites
Cottonwood
Grangeville
Elk City
01
02
03
04
05
06
07
08
09
10
11
12
13
Rabbit Creek
Sally Ann Creek
Threemile Creek
Butcher Creek
Lightning Creek
Meadow Creek
South Fork Clearwater River
Mule Creek
Haysfork Creek
Pilot Creek
Newsome Creek
Beaver Creek
Sawmill Creek
Sing Lee Creek
Bear Creek
Leggett Creek
Fall Creek
Lick Creek
Big Elk Creek
Buffalo Gulch
Whiskey Creek
Little Elk Creek
American River
Elk Creek
Siegel Creek
Bridge Creek
Trail Creek
Red River
South Fork Red River
Relief Creek
Crooked River
Mackey Creek
Williams Creek
Tenmile Creek
Mill Creek
American Creek
Trout Creek
Johns Creek
Camp Creek
Legend
Cities
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
S
E
W
Miles
0
2.5
5
10
15
20
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only


Snake River Steelhead Distribution
Clearwater Sub-basin (17060306)
Map I24
Legend
Cities
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
0
3
6
12
18
24
Miles
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only
01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
Dworshak
Deary
Troy
Kendrick
Juliaetta
Peck
Orofino
Pierce
Weippe
Culdesac
Reubens
Winchester
Craigmont
Nezperce
Kamiah
Ferdinand
Clearwater River
East Fork Potlatch River
Potlatch River
Corral Creek
Boulder Creek
Pine Creek
Cedar Creek
Middle Potlatch Creek
Bedrock Creek
Hatwai Creek
Catholic Creek
Lapwai Creek
Sweetwater Creek
Webb Creek
Jacks Creek
Big Canyon Creek
Little Canyon Creek
Orofino Creek
Jim Ford Creek
Big Creek
Sixmile Creek
Lawyer Creek
Lolo Creek
Yoosa Creek
Eldorado Creek
Yakus Creek
Musselshell Creek


Snake RIver Steelhead Distribution
Lower North Fork Clearwater Sub-basin (17060308)
09
10
08
07
11
04
12
02
06
05
03
01
Dworshak
North Fork Clearwater River
Map I25
Legend
Cities
Dams
Streams (1:100,000)
Snake River Steelhead
Spawning/Rearing
Rearing/Migration
Migration/Presence
Occupied but Lacking PCEs
Watersheds
Land Ownership
Federal
Private/Other
State/Local
Tribal
Unassigned
Water
N
W
E
S
Watershed code = last two digits of sub-basin code
Note: This map is for general reference only
0
3
6
12
18
24
Miles